

Specifications

| | |
|---------------------------------------------------------------------|------------------------------------|
| Mineralogical..... | Potassium Sodium Aluminum Silicate |
| Physical Form..... | Inorganic Cellular Granules |
| Color | White |
| Max. Particle Dimensions, Inches..... | 0.17 |
| Max. Wt. % Retained on U.S. Std. Sieve No. 30 ⁽¹⁾ | 40.0 |
| Max. Wt. % Retained on U.S. Std. Sieve No. 100 ⁽¹⁾ | 90.0 |

Inherent Properties (Not Part of Specification)

| | |
|---------------------------------------------------|-----------|
| Bulk Density (Dry), lbs./ft ³ | 5.0-8.0 |
| Effective Density (Bulking Value), ⁽²⁾ | |
| Lbs/ft ³ | 19.0-25.0 |
| Lbs/gal | 2.5-3.3 |
| Mohs' Hardness | 5.5 |
| pH, (10% slurry) | 6.5-7.5 |
| Oil Absorption, ASTM D-1483, Wt. %..... | 200-250 |
| Moisture Content, Wt. % | <1.5 |
| Softening Point, °F | 1800 |
| Refractive Index..... | 1.47 |

All values are nominal. This summary does not constitute a material specification.

Other Information

| | |
|-----------------|-----------------|
| Packaging | 30lb. Paper Bag |
| | Bulk Bags |

(1) Rotap Screens

(2) In Polyester Resin

Specifications

| | |
|---------------------------------------------------------------------|------------------------------------|
| Mineralogical..... | Potassium Sodium Aluminum Silicate |
| Physical Form..... | Inorganic Cellular Granules |
| Color | White |
| Texturing Appearance..... | Coarse |
| Surface Treatment | Hydrophobic |
| Max. Particle Dimensions, Inches..... | 0.08 |
| Max. Wt. % Retained on U.S. Std. Sieve No. 50 ⁽¹⁾ | 40.0 |
| Max. Wt. % Retained on U.S. Std. Sieve No. 100 ⁽¹⁾ | 85.0 |

Inherent Properties (Not Part of Specification)

| | |
|------------------------------------------------------|-----------|
| Bulk Density (Dry), lbs./ft ³ | 4.5-6.0 |
| Effective Density (Bulking Value), ⁽²⁾ | |
| Lbs/ft ³ | 19.0-25.0 |
| Lbs/gal | 2.5-3.3 |
| Mohs' Hardness | 5.5 |
| pH, (10% slurry) | 6.5-7.5 |
| Oil Absorption, ASTM D-1483, Wt. %..... | 250-350 |
| Min. Water Repellency, ASTM C-549 (Proposed), %..... | 85.0 |
| Moisture Content, Wt. % | <1.5 |
| Softening Point, °F | 1800 |
| Refractive Index..... | 1.47 |

All values are nominal. This summary does not constitute a material specification.

Other Information

Packaging 8-20lb. Paper Bag or Bulk

(1) Rotap Screens

(2) In Polyester Resin

Specifications

| | |
|---------------------------------------------------------------------|------------------------------------|
| Mineralogical..... | Potassium Sodium Aluminum Silicate |
| Physical Form..... | Inorganic Cellular Granules |
| Color | White |
| Texturing Appearance..... | Fine |
| Max. Particle Dimensions, Inches..... | 0.05 |
| Max. Wt. % Retained on U.S. Std. Sieve No. 50 ⁽¹⁾ | 50.0 |
| Max. Wt. % Retained on U.S. Std. Sieve No. 100 ⁽¹⁾ | 85.0 |

Chemsil 1650C is a coated product.

Inherent Properties (Not Part of Specification)

| | |
|---------------------------------------------------|-----------|
| Bulk Density (Dry), lbs./ft ³ | 4.0-6.0 |
| Effective Density (Bulking Value), ⁽²⁾ | |
| Lbs/ft ³ | 19.0-25.0 |
| Lbs/gal..... | 2.5-3.3 |
| Mohs' Hardness | 5.5 |
| pH, (10% slurry) | 6.5-7.5 |
| Moisture Content, Wt. % | <1.5 |
| Softening Point, °F..... | 1800 |
| Refractive Index..... | 1.47 |

All values are nominal. This summary does not constitute a material specification.

Other Information

| | |
|-----------------|-------------------------|
| Packaging | 16lb. Paper Bag or Bulk |
|-----------------|-------------------------|

(1) Rotap Screens

(2) In Polyester Resin

Specifications

| | |
|---------------------------------------------------------------------|------------------------------------|
| Mineralogical..... | Potassium Sodium Aluminum Silicate |
| Physical Form..... | Inorganic Cellular Granules |
| Color | White |
| Max. Particle Dimensions, Inches..... | 0.08 |
| Max. Wt. % Retained on U.S. Std. Sieve No. 50 ⁽¹⁾ | 50.0 |
| Max. Wt. % Retained on U.S. Std. Sieve No. 100 ⁽¹⁾ | 85.0 |

Inherent Properties (Not Part of Specification)

| | |
|---------------------------------------------------|-----------|
| Bulk Density (Dry), lbs./ft ³ | 5.0-6.5 |
| Effective Density (Bulking Value), ⁽²⁾ | |
| Lbs/ft ³ | 19.0-25.0 |
| Lbs/gal | 2.5-3.3 |
| Mohs' Hardness | 5.5 |
| pH, (10% slurry) | 6.5-7.5 |
| Oil Absorption, ASTM D-1483, Wt. %..... | 300-400 |
| Moisture Content, Wt. % | <1.5 |
| Softening Point, °F | 1800 |
| Refractive Index..... | 1.47 |

All values are nominal. This summary does not constitute a material specification.

Other Information

| | |
|-----------------|-------------------------|
| Packaging | 24lb. Paper Bag or Bulk |
|-----------------|-------------------------|

(1) Rotap Screens

(2) In Polyester Resin

Specifications

| | |
|---------------------------------------------------------------------|------------------------------------|
| Mineralogical..... | Potassium Sodium Aluminum Silicate |
| Physical Form..... | Inorganic Cellular Granules |
| Color | White |
| Max. Wt. % Retained on U.S. Std. Sieve No. 50 ⁽¹⁾ | 40.0 |
| Max. Wt. % Retained on U.S. Std. Sieve No. 100 ⁽¹⁾ | 90.0 |

Inherent Properties (Not Part of Specification)

| | |
|------------------------------------------------|---------|
| Bulk Density (Dry), lbs./ft ³ | 7.5 |
| Mohs' Hardness | 5.5 |
| pH, (10% slurry) | 6.5-7.5 |
| Oil Absorption, ASTM D-1483, Wt. %..... | 200-250 |
| Moisture Content, Wt. % | <1.5 |
| Softening Point, °F | 1800 |
| Refractive Index..... | 1.47 |

All values are nominal. This summary does not constitute a material specification.

Other Information

Packaging 30lb. Paper Bag or Bulk

- (1) Rotap Screens
- (2) In Polyester Resin

Specifications

| | |
|---------------------------------------------------------------------|------------------------------------|
| Mineralogical..... | Potassium Sodium Aluminum Silicate |
| Physical Form..... | Inorganic Cellular Granules |
| Color | White |
| Max. Particle Dimensions, inches..... | 0.08 |
| Max. Wt. % Retained on U.S. Std. Sieve No. 50 ⁽¹⁾ | 45.0 |
| Max. Wt. % Retained on U.S. Std. Sieve No. 100 ⁽¹⁾ | 85.0 |

Inherent Properties (Not Part of Specification)

| | |
|---------------------------------------------------|-------------|
| Bulk Density (Dry), lbs./ft ³ | 9.0 |
| Effective Density (Bulking Value), ⁽²⁾ | |
| Lbs/ft ³ | 19.0 – 25.0 |
| Lbs/gal | 2.5 – 3.3 |
| Mohs' Hardness | 5.5 |
| pH, (10% slurry) | 6.5-7.5 |
| Oil Absorption, ASTM D-1483, Wt. %..... | 300-400 |
| Moisture Content, Wt. % | <1.5 |
| Softening Point, °F | 1800 |
| Refractive Index..... | 1.47 |

All values are nominal. This summary does not constitute a material specification.

Other Information

Packaging 36lb. Paper Bag or Bulk

(1) Rotap Screens

(2) In Polyester Resin

Specifications

| | |
|--------------------------------------------------------------------|------------------------------------|
| Mineralogical..... | Potassium Sodium Aluminum Silicate |
| Physical Form..... | Inorganic Cellular Granules |
| Color | White |
| Max. Particle Dimensions, inches..... | 0.50 |
| Max. Wt. % Retained on U.S. Std. Sieve No. 6 ⁽¹⁾ | 10.0 |
| Max. Wt. % Retained on U.S. Std. Sieve No. 8 ⁽¹⁾ | 55.0 |
| Max. Wt. % Retained on U.S. Std. Sieve No. 16 ⁽¹⁾ | 90.0 |

Inherent Properties (Not Part of Specification)

| | |
|---------------------------------------------------|-------------|
| Bulk Density (Dry), lbs./ft ³ | 5.0-9.0 |
| Effective Density (Bulking Value), ⁽²⁾ | |
| Lbs/ft ³ | 19.0 – 25.0 |
| Lbs/gal | 2.5 – 3.3 |
| Mohs' Hardness | 5.5 |
| pH, (10% slurry) | 6.5-7.5 |
| Oil Absorption, ASTM D-1483, Wt. %..... | 300-400 |
| Moisture Content, Wt. % | <1.5 |
| Softening Point, °F | 1900 |
| Refractive Index..... | 1.47 |

All values are nominal. This summary does not constitute a material specification.

Other Information

Packaging 36lb. Paper Bag or Bulk

(1) Rotap Screens

(2) In Polyester Resin

Specifications

| | |
|--------------------------------------------------------------------|------------------------------------|
| Mineralogical..... | Potassium Sodium Aluminum Silicate |
| Physical Form..... | Inorganic Cellular Granules |
| Color | White/Off-White |
| Texturing Appearance | Coarse |
| Max. Particle Dimensions, inches..... | 0.35 |
| Max. Wt. % Retained on U.S. Std. Sieve No. 6 ⁽¹⁾ | 5.0 |
| Max. Wt. % Retained on U.S. Std. Sieve No. 50 ⁽¹⁾ | 95.0 |

Blockfil (uncoated) is not coated with any silicone materials.

Inherent Properties (Not Part of Specification)

| | |
|------------------------------------------------|---------|
| Bulk Density (Dry), lbs./ft ³ | 4.0-6.0 |
| Mohs' Hardness | 5.5 |
| pH, (10% slurry) | 6.5-7.5 |
| Moisture Content, Wt. % | <1.5 |
| Softening Point, °F | 1900 |
| Refractive Index..... | 1.47 |

All values are nominal. This summary does not constitute a material specification.

Other Information

| | |
|-----------------|-------------------------|
| Packaging | 20lb. Paper Bag or Bulk |
|-----------------|-------------------------|

(1) Rotap Screens

Specifications

| | |
|--------------------------------------------------------------------|------------------------------------|
| Mineralogical..... | Potassium Sodium Aluminum Silicate |
| Physical Form..... | Inorganic Cellular Granules |
| Color | White/Off-White |
| Texturing Appearance | Coarse |
| Max. Particle Dimensions, inches..... | 0.35 |
| Max. Wt. % Retained on U.S. Std. Sieve No. 6 ⁽¹⁾ | 5.0 |
| Max. Wt. % Retained on U.S. Std. Sieve No. 50 ⁽¹⁾ | 95.0 |

Blockfil is a proprietary silicone based coated product.

Inherent Properties (Not Part of Specification)

| | |
|------------------------------------------------|---------|
| Bulk Density (Dry), lbs./ft ³ | 4.0-6.0 |
| Mohs' Hardness | 5.5 |
| pH, (10% slurry) | 6.5-7.5 |
| Moisture Content, Wt. % | <1.5 |
| Softening Point, °F | 1900 |
| Refractive Index..... | 1.47 |

All values are nominal. This summary does not constitute a material specification.

Other Information

| | |
|-----------------|-------------------------|
| Packaging | 20lb. Paper Bag or Bulk |
|-----------------|-------------------------|

(1) Rotap Screens

Specifications

| | |
|--------------------------------------------------------------------|------------------------------------|
| Mineralogical..... | Potassium Sodium Aluminum Silicate |
| Physical Form..... | Inorganic Cellular Granules |
| Color | White |
| Texturing Appearance..... | Coarse |
| Surface Treatment..... | Hydrophobic |
| Max. Particle Dimensions, inches..... | 0.50 |
| Max. Wt. % Retained on U.S. Std. Sieve No. 8 ⁽¹⁾ | 40.0 |
| Max. Wt. % Retained on U.S. Std. Sieve No. 50 ⁽¹⁾ | 90.0 |

Inherent Properties (Not Part of Specification)

| | |
|-----------------------------------------------------|-----------|
| Bulk Density (Dry), lbs./ft ³ | 5.0-8.0 |
| Effective Density (Bulking Value), ⁽²⁾ | |
| Lbs/ft ³ | 19.0-25.0 |
| Lbs/gal | 2.5-3.3 |
| Mohs' Hardness | 5.5 |
| pH, (10% slurry) | 6.5-7.5 |
| Oil Absorption, ASTM D-1483, Wt %..... | 200-250 |
| Min. Water Repellency, ASTM C-549 (Proposed), | 75.0 |
| Moisture Content, Wt. % | <1.5 |
| Softening Point, °F | 1900 |
| Refractive Index..... | 1.47 |

All values are nominal. This summary does not constitute a material specification.

Other Information

Packaging 25lb. Paper Bag or Bulk

(1) Rotap Screens

(2) In Polyester Resin

Specifications

| | |
|---------------------------------------------------------------------|------------------------------------|
| Mineralogical..... | Potassium Sodium Aluminum Silicate |
| Physical Form..... | Inorganic Cellular Granules |
| Color | White |
| Max. Wt. % Retained on U.S. Std. Sieve No. 30 ⁽¹⁾ | 40.0 |
| Max. Wt. % Retained on U.S. Std. Sieve No. 100 ⁽¹⁾ | 90.0 |

Inherent Properties (Not Part of Specification)

| | |
|------------------------------------------------|---------------|
| Bulk Density (Dry), lbs./ft ³ | 6.0 (5.0-7.0) |
| Mohs' Hardness | 5.5 |
| pH, (10% slurry) | 6.5-8.5 |
| Oil Absorption, ASTM D-1483, Wt %..... | 200-250 |
| Moisture Content, Wt. % | <1.5 |
| Softening Point, °F | 1900 |
| Refractive Index..... | 1.47 |

All values are nominal. This summary does not constitute a material specification.

Other Information

Packaging 30lb. Paper Bag or Bulk

(1) Rotap Screens

Specifications

| | |
|---------------------------------------------------------------------|------------------------------------|
| Mineralogical..... | Potassium Sodium Aluminum Silicate |
| Physical Form..... | Inorganic Cellular Granules |
| Color | White |
| Max. Wt. % Retained on U.S. Std. Sieve No. 30 ⁽¹⁾ | 40.0 |
| Max. Wt. % Retained on U.S. Std. Sieve No. 100 ⁽¹⁾ | 90.0 |

Inherent Properties (Not Part of Specification)

| | |
|------------------------------------------------|---------------|
| Bulk Density (Dry), lbs./ft ³ | 7.5 (6.5-8.5) |
| Mohs' Hardness | 5.5 |
| pH, (10% slurry) | 6.5-8.5 |
| Oil Absorption, ASTM D-1483, Wt %..... | 200-250 |
| Moisture Content, Wt. % | <1.5 |
| Softening Point, °F | 1900 |
| Refractive Index..... | 1.47 |

All values are nominal. This summary does not constitute a material specification.

Other Information

| | |
|-----------------|-------------------------|
| Packaging | 30lb. Paper Bag or Bulk |
|-----------------|-------------------------|

(1) Rotap Screens

Specifications

| | |
|---------------------------------------------------------------------|------------------------------------|
| Mineralogical..... | Potassium Sodium Aluminum Silicate |
| Physical Form..... | Inorganic Cellular Granules |
| Color | White |
| Max. Particle Dimensions, inches..... | 0.08 |
| Max. Wt. % Retained on U.S. Std. Sieve No. 50 ⁽¹⁾ | 45.0 |
| Max. Wt. % Retained on U.S. Std. Sieve No. 100 ⁽¹⁾ | 85.0 |

Inherent Properties (Not Part of Specification)

| | |
|---------------------------------------------------|-----------|
| Bulk Density (Dry), lbs./ft ³ | 9.0 |
| Effective Density (Bulking Value), ⁽²⁾ | |
| Lbs/ft ³ | 19.0-25.0 |
| Lbs/gal | 2.5-3.3 |
| Mohs' Hardness | 5.5 |
| pH, (10% slurry) | 6.5-7.5 |
| Oil Absorption, ASTM D-1483, Wt %..... | 300-400 |
| Moisture Content, Wt. % | <1.5 |
| Softening Point, °F | 1800 |
| Refractive Index..... | 1.47 |

All values are nominal. This summary does not constitute a material specification.

Other Information

| | |
|-----------------|-------------------------|
| Packaging | 36lb. Paper Bag or Bulk |
|-----------------|-------------------------|

(1) Rotap Screens

(2) In Polyester Resin

Specifications

| | |
|---------------------------------------------------------------------|------------------------------------|
| Mineralogical..... | Potassium Sodium Aluminum Silicate |
| Physical Form..... | Inorganic Cellular Granules |
| Color | White |
| Max. Particle Dimensions, inches..... | 0.17 |
| Max. Wt. % Retained on U.S. Std. Sieve No. 30 ⁽¹⁾ | 40.0 |
| Max. Wt. % Retained on U.S. Std. Sieve No. 100 ⁽¹⁾ | 90.0 |

Inherent Properties (Not Part of Specification)

| | |
|---------------------------------------------------|-----------|
| Bulk Density (Dry), lbs./ft ³ | 5.0-8.0 |
| Effective Density (Bulking Value), ⁽²⁾ | |
| Lbs/ft ³ | 19.0-25.0 |
| Lbs/gal | 2.5-3.3 |
| Mohs' Hardness | 5.5 |
| pH, (10% slurry) | 6.5-7.5 |
| Oil Absorption, ASTM D-1483, Wt %..... | 200-250 |
| Moisture Content, Wt. % | <1.5 |
| Softening Point, °F | 1800 |
| Refractive Index..... | 1.47 |

All values are nominal. This summary does not constitute a material specification.

Other Information

| | |
|-----------------|-------------------------|
| Packaging | 30lb. Paper Bag or Bulk |
|-----------------|-------------------------|

(1) Rotap Screens

(2) In Polyester Resin

Specifications

| | |
|---------------------------------------------------------------------|------------------------------------|
| Mineralogical..... | Potassium Sodium Aluminum Silicate |
| Physical Form..... | Inorganic Cellular Granules |
| Color | White/Off-White |
| Max. Wt. % Retained on U.S. Std. Sieve No. 30 ⁽¹⁾ | 40.0 |
| Max. Wt. % Retained on U.S. Std. Sieve No. 100 ⁽¹⁾ | 90.0 |

Inherent Properties (Not Part of Specification)

| | |
|------------------------------------------------|---------|
| Bulk Density (Dry), lbs./ft ³ | 4.5-5.5 |
| Mohs' Hardness | 5.5 |
| pH, (10% slurry) | 6.5-8.5 |
| Oil Absorption, ASTM D-1483, Wt %..... | 250-300 |
| Moisture Content, Wt. % | <1.5 |
| Softening Point, °F | 1800 |
| Refractive Index..... | 1.47 |

All values are nominal. This summary does not constitute a material specification.

Other Information

| | |
|-----------------|-------------------------|
| Packaging | 20lb. Paper Bag or Bulk |
|-----------------|-------------------------|

(1) Rotap Screens

Specifications

| | |
|---------------------------------------------------------------------|------------------------------------|
| Mineralogical..... | Perlite–Amorphous Mineral Silicate |
| Physical Form..... | Dry Powder |
| Particle Shape | Bubble |
| Color | White |
| Max. Wt. % Retained on U.S. Std. Sieve No. 100 ⁽¹⁾ | 5.0 |
| Max. Wt. % Retained on U.S. Std. Sieve No. 200 ⁽¹⁾ | 20.0 |
| Max. Wt. % Retained on U.S. Std. Sieve No. 325 ⁽¹⁾ | 45.0 |

Inherent Properties (Not Part of Specification)

| | |
|------------------------------------------------|--------------|
| Bulk Density (Dry), lbs./ft ³ | 7.0-8.0 |
| Oil Absorption, ASTM D-281, Wt %..... | 210 |
| Moisture Content, Wt. % | 1.5 |
| Softening Point, °F | 1900 |
| Refractive Index..... | 1.47 |
| Surface pH | 7.0, Neutral |

Other Information

| | |
|-----------------|-----------------|
| Packaging | 30lb. Paper Bag |
|-----------------|-----------------|

(1) Rotap Screens

Specifications

| | |
|-------------------------------------------------------|------------------------------------|
| Mineralogical..... | Perlite–Amorphous Mineral Silicate |
| Physical Form..... | Dry Powder |
| Particle Shape | Semi-Polyhedron/Plate-like |
| Color | White |
| Max. Wt. % Retained on U.S. Std. Sieve 0+70..... | 4.0 |
| Max. Wt. % Retained on U.S. Std. Sieve -70+100 | 20.0 |
| Max. Wt. % Retained on U.S. Std. Sieve -100+325 | 90.0 |

Inherent Properties (Not Part of Specification)

| | |
|--------------------------------------------------------------|--------------|
| Bulk Density (Dry), lbs./ft ³ | 6.0-8.0 |
| Average Particle Diameter, μ | 70 |
| GE Brightness..... | 72.0-80.0 |
| Effective Density ⁽²⁾ , Lbs/ft ³ | 13.0-15.0 |
| Moisture Content, Wt. % | 1.5 |
| Softening Point, °F | 1900 |
| Refractive Index..... | 1.47 |
| Surface pH | 7.0, Neutral |
| Specific Gravity | 2.34 |

Other Information

| | |
|-----------------|-----------------|
| Packaging | 40lb. Paper Bag |
|-----------------|-----------------|

(1) Rotap Screens

(2) In Polyester