

## Technical Data Sheet (TDS) Horticultural Perlite

### SPECIFICATIONS

Mineralogical.....	Potassium Sodium Aluminum Silicate
Physical Form.....	Inorganic Cellular Granules
Color.....	White/Off-White
Max. Particle Dimensions, inches.....	0.50
Min. Wt. % Retained on U.S. Std. Sieve No. 6 <sup>(1)</sup> .....	10.0
Min. Wt. % Retained on U.S. Std. Sieve No. 16 <sup>(1)</sup> .....	75.0
Min. Wt. % Retained on U.S. Std. Sieve No. 30 <sup>(1)</sup> .....	90.0

### INHERENT PROPERTIES (NOT PART OF SPECIFICATION)

Bulk Density (Dry), Lbs. / ft <sup>3</sup> .....	5.0-8.0
Effective Density (Bulking Value), <sup>(2)</sup>	
Lbs/ft <sup>3</sup> .....	19.0 – 25.0
Lbs/gal.....	2.5 – 3.3
Mohs' Hardness.....	5.5
Oil Absorption, ASTM D-1483, wt % .....	200 - 400
pH, (10% slurry).....	6.5 – 7.5
Moisture Content, (as shipped) 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..... 24 lbs paper bag or approximate 64Ft3 bulk bag

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

Dicalite/Dicaperl Minerals reserves the right to change the above specifications if necessary without notice. This TDS supercedes and replaces any previous information for this product