

# TECHNICAL DATA SHEET

## CELABRITE®

### PHYSICAL AND CHEMICAL PROPERTIES

Structure .....	Flux-Calcined
Color .....	White
Brightness (Y) .....	91
Sieve Analysis (Tyler)	
% + 150 Mesh (> 105 microns) .....	0.0
% + 325 Mesh (> 44 microns) .....	0.0
Median Particle Diameter (microns).....	10.9
Hegman .....	4.0
pH (10% slurry).....	9.5
Free Moisture (Maximum % H <sub>2</sub> O).....	0.5
(Typical % H <sub>2</sub> O).....	0.2
Density:	(lb/ft <sup>3</sup> ) (g/l)
Wet Bulk.....	25 400
Dry Bulk.....	13 210
Oil Absorption (Gardner Coleman) lbs/100lbs.....	120
Specific Gravity .....	2.33
Refractive Index .....	1.46

### CHEMICAL ANALYSIS

SiO <sub>2</sub> .....	89.5%
Al <sub>2</sub> O <sub>3</sub> .....	4.1%
Fe <sub>2</sub> O <sub>3</sub> .....	1.5%
CaO .....	0.6%
MgO .....	0.3%
Other Oxides .....	4.0%
Loss on Ignition.....	Nil

Updated: 06/2014

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 All information shown is typical – **NOT TO BE USED FOR SPECIFICATIONS.**  
 Read appropriate Material Safety Data Sheet before using.  
 Contact EP Minerals for product specification approval.