POLYJET 505

Cimbar Performance Minerals PolyJet 505 alumina trihydrate product is specially produced for applications that require highly controlled particle size distribution and improved physical properties. Compounders using PolyJet 505 are able to achieve high loading levels with superior physical properties. The increased surface area allows molders to achieve high surface properties, while particle distribution control allows maximum loadings levels. PolyJet 505 offers excellent flame retardancy and smoke suppression.

TYPICAL PHYSICAL PROPERTIES

PolyJet 505

Median Particle Size (microns)	5
Retained on 325 mesh screen (%)	0.0
Retained on 200 mesh screen (%)	0.0
Retained on 100 mesh screen (%)	0.0
Oil Absorption (mil/110g)	41
Specific Gravity	2.42
Bulk Density, Loose (lb/ft$_3$)	.41
Bulk Factor (gal/lb)	.0495
Free Moisture (%)	.80
Hunter “L” Brightness*	97

TYPICAL CHEMICAL COMPOSITION

Aluminum Oxide (Al_2O_3)	64.900
Silica (SiO_2)	00.010
Ferric Oxide (Fe_2O_3)	00.009
Soluble Soda Max. (Na_2O)	00.050
Total Soda Max.	00.300
Loss on Ignition (LOI) (H_2O)	34.600

*Performed on HunterLab UltraScan Pro Unit

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