

TRIL-TREATTM 1038 & 1078

Emulsion Carried Silicone Filler Surface Treatment

TRIL-TREAT 1038 & 1078 are multi-alkyl modified polydimethyl siloxanes primarily used for surface treatment of pigments and fillers such as calcium carbonate, titanium dioxide, magnesium hydroxide, talc and others. It acts as a surfactant coupling agent improving compatibility with polymer/resin matrices. Effects are reduce flow viscosity, reduced agglomerates better color strength, improved physical properties and improved process ability. Final product properties may include improved flexural strength, higher impact resistance, higher water resistance, better weatherability and more.

Addition levels should be attempted starting at 0.3% to 5%. Addition levels will vary based on property set desired and surface area of filler. Complete dispersion is critical for good results. TRIL-TREAT is a reactive oligomer and will react with the filler surface with heat and or time.

Contact us at Trillium Specialties for other treatment technologies under the Tril-Treat portfolio of chemistries.



Packaging:

5 gal. pails
190 kg net steel drums
900 kg plastic totes.

Storage Warranty Period:

6 months from date of shipment in original unopened container.
Keep from freezing.
Optimum 40o-80oF

Trillium Specialties LLC
10437 Innovation Drive, B21
Wauwatosa, WI 53122
T: 262-821-9175
F: 262-821-9176
www.trilliumspec.com