

SHORT STUFF[®] in INDUSTRIAL COATINGS



Fumed Silica Replacement

In industrial coatings, SHORT STUFF[®] is an outstanding rheology modifier, effectively replacing Fumed Silica to reduce cost.

Economics

SHORT STUFF[®] Fibrillated HDPE is price competitive vs. Fumed Silica, and may provide equal rheology at up to 50% less by weight in Epoxy systems.

Fibrillated HDPE has a much higher density than Fumed Silica, resulting in reduced shipping cost and less storage space required.

Consistent & predictable performance

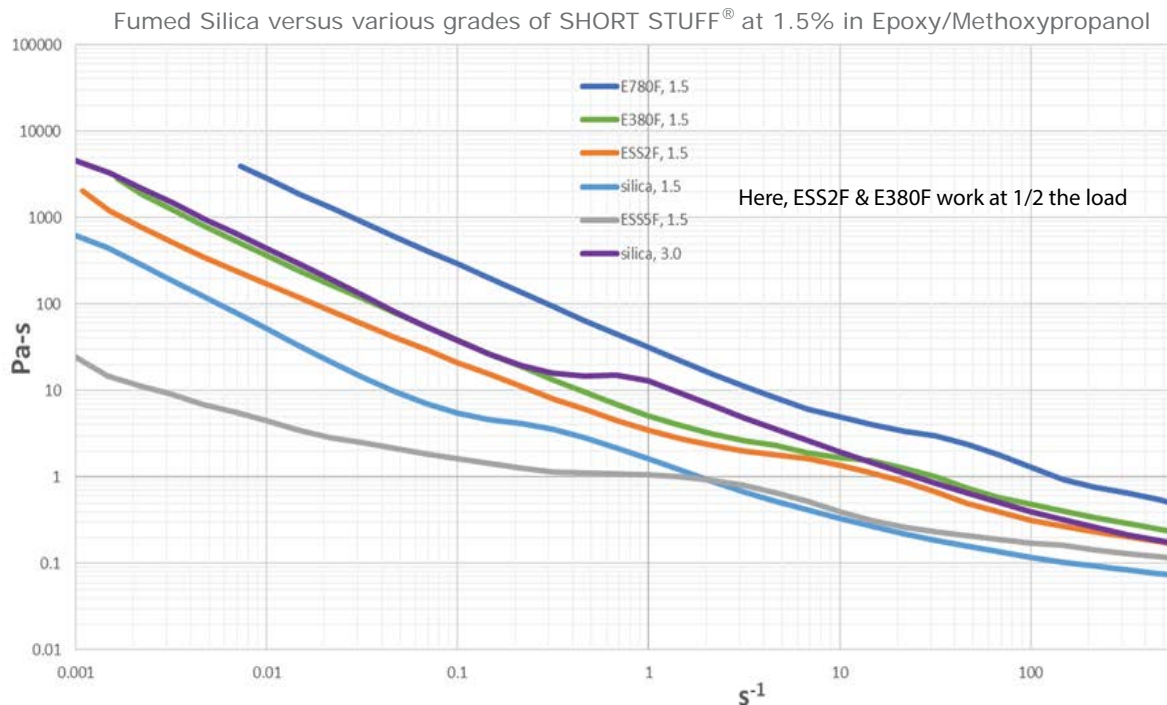
SHORT STUFF[®] works physically to impact rheology, so performance variation is reduced regardless of the resin used.

SHORT STUFF[®] provides consistent, reproducible rheology even at elevated or reduced environmental temperatures, without the fluctuation often observed in Fumed Silica systems.

Eliminates or reduces nuisance dust issues

Fibrillated HDPE is non dusting and much easier to handle than Fumed Silica.

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What do I need to know?

Does the application currently use hydrophobic or hydrophilic Fumed Silica?

Treated Fumed Silica is hydrophobic

Un-Treated SHORT STUFF[®] is hydrophobic

What are the gloss or sheen requirements?

SHORT STUFF[®] may reduce the gloss/sheen if a large grade is used

Is film clarity a requirement?

SHORT STUFF[®] remains opaque after dispersion

Where should I add SHORT STUFF[®] in a 2k Epoxy system?

Add to Part A for medium to high viscosity Epoxy systems

Add to Part B for low viscosity Epoxy systems

What is the applied film thickness?

SHORT STUFF[®] is limited to wet film thickness of 3+ mils to prevent texture or visible fibers in the dry film

What are the drying conditions? Air dry, force dry, oven dry?

SHORT STUFF[®] will melt at 135°C/275°F