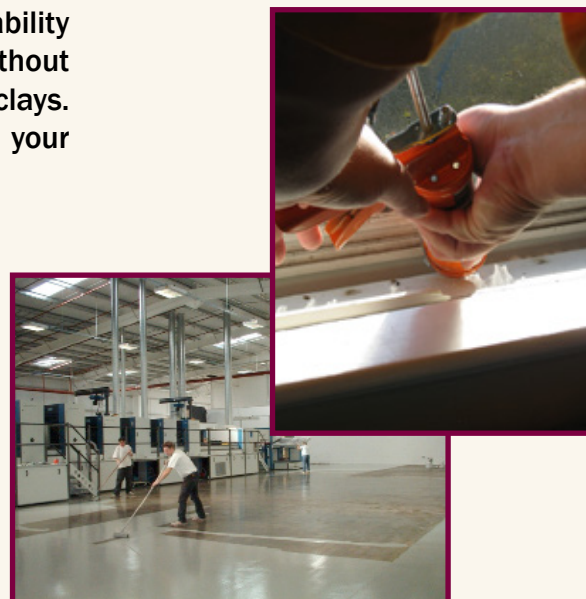


SYLOTHIX®

Microfibrillated polyethylene fibers

Provide similar or increased thickening capability in your epoxy, MMA, and polyester systems without the need for fumed silica and/or organo-clays. Incorporate SYLOTHIX® fibers and improve your formulation properties:

- Increased Tensile Strength
- Increased Pull Strength
- Increased Compressive Strength
- Thickening not Affected by Acid Value of Resin
- Cost Reduction of Formulation
- Easy Dispersion/Reduced Mixing Times
- Significant Dust Reduction



Product Description and Physical Data

TYPE	SYLOTHIX® 400	SYLOTHIX® 400T	SYLOTHIX® 100T	SYLOTHIX® 100
Fiber Length	400 µm	400 µm	100 µm	100 µm
Proportion of Amorphous Silicic Acid (Particle Size 3 µ)	-	Approximately 60%	Approximately 50%	-
Moisture	Max 2%	Max 3%	Max 3%	Max 2%
Dispersability	+	++	+++	+++
Thixotropic Efficiency	Best	Better	Good	Better
Health and Safety Information <i>Please follow safety guidelines as well as national legislation and regulations. Additional Information can be found on our Material Safety Data Sheets.</i>	SYLOTHIX® should be handled carefully to avoid the generation of dust. SYLOTHIX® can build up a static electric charge during pouring. Product dust together with air may cause an ignitable and explosive mixture. SYLOTHIX® should be stored in a clean, dry warehouse. Opened packages should be resealed to prevent contamination of the product. The material should be used within 6 months.			

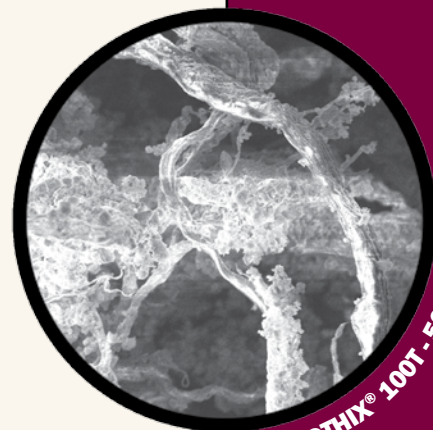
Viscosity Performance Data - EPON 828 Epoxy Resin
Target 120K cps @ 20rpm

Product	Product Type	Weight % Required to Achieve Viscosity
Aerosil® R 202	Treated Fumed Silica	5%
Cab-O-Sil® M-5	Untreated Fumed Silica	10%
Cab-O-Sil® TS-720	Treated Fumed Silica	5%
Bentone® SD-2	Organo-Clay	9 - 10%
SYLOTHIX® 400	Untreated PE Fiber	2%
SYLOTHIX® 400T	Treated PE Fiber	6%
SYLOTHIX® 100T	Treated PE Fiber	6.5 - 7.0%
SYLOTHIX® 100	Untreated PE Fiber	5%

Viscosity Performance Data - HPP 6000 - PET Polyol
Target 120K cps @ 20rpm

Product	Product Type	Weight % Required to Achieve Viscosity
Aerosil® R 202	Treated Fumed Silica	3.0 - 3.5%
Cab-O-Sil® M-5	Untreated Fumed Silica	3.0 - 3.5%
Cab-O-Sil® TS-720	Treated Fumed Silica	3.0 - 3.5%
Bentone® SD-2	Organo-Clay	4.5 - 5.0%
SYLOTHIX® 400	Untreated PE Fiber	< 2%
SYLOTHIX® 400T	Treated PE Fiber	2.5 - 3.0%
SYLOTHIX® 100T	Treated PE Fiber	4.0%
SYLOTHIX® 100	Untreated PE Fiber	< 2%

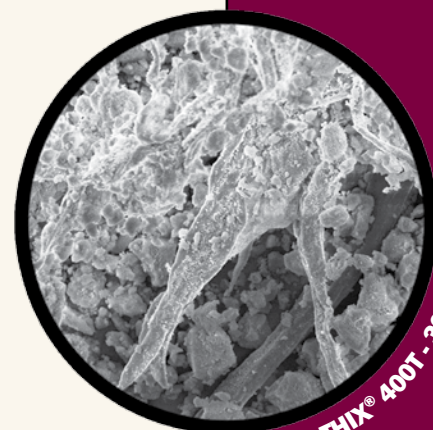
- SYLOTHIX® 400 is the most efficient of all the products tested. The untreated PE fibers build viscosity faster than the treated PE fiber products. The treated versions allow for a more controlled viscosity build.
- When formulated with curatives, the SYLOTHIX® products exhibit notable SAG improvement. They are readily adaptable to a plural component delivery system or spray application.
- The addition of SYLOTHIX® fibers in a formulation creates a uniquely stable, three dimensional structure.



SYLOTHIX® 100T - 50µ



SYLOTHIX® 100 - 10µ



SYLOTHIX® 400T - 30µ