

Chengdu Polyster RPM450 Flame Retardant Masterbatch

Category : Other Engineering Material , Additive/Filler for Polymer

Material Notes:

RPM 450 is a red phosphorus based additive flame retardant designed for uses in both glass-fiber reinforced and no-GF reinforced polyamides resins. It is halogen-free and shows more effective flame retardant performance in comparison with RPM440 does in the same amount. Red pellet form. Used for electrical components. Information provided by Chengdu Polyster Co., Ltd.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Chengdu-Polyster-RPM450-Flame-Retardant-Masterbatch.php

Physical Properties	Metric	English	Comments
Density	1.60 - 1.65 g/cc	0.0578 - 0.0596 lb/in ³	
Water Absorption	<= 0.15 %	<= 0.15 %	
Solubility in Water	0.00 %	0.00 %	

Thermal Properties	Metric	English	Comments
Flammability, UL94	V-1	V-1	for PA66-63%, GF-15%, RPM450-13%
	@Thickness 0.800 mm	@Thickness 0.0315 in	
	V-0	V-0	
	@Thickness 1.60 mm	@Thickness 0.0630 in	
	V-0	V-0	for 61-63% PA66, 25-35% GF and 12-14% RPM450
	@Thickness 0.800 mm	@Thickness 0.0315 in	

Component Elements Properties	Metric	English	Comments
Phosphorous, P	50 %	50 %	

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