

Sd-Chemie Nanofil® 5 Flame Retardant

Category : Other Engineering Material , Additive/Filler for Polymer , Polymer

Material Notes:

Standard grades for inorganic flame retardant cable formulations with good pre-dispersibility. Application: PE/EVA Grafted PP Cable formulation Automotive Technical Parts Improves: Abrasion/Scratch Resistance

Order this product through the following link:

http://www.lookpolymers.com/polymer_Sd-Chemie-Nanofil-5-Flame-Retardant.php

Physical Properties	Metric	English	Comments
Additive Loading	3.0 - 5.0 %	3.0 - 5.0 %	for Flammability V-0
Melt Flow	1.3 g/10 min @Load 10.0 kg, Temperature 190 °C	1.3 g/10 min @Load 22.0 lb, Temperature 374 °F	EVA/ATH/Nanofil® 5 (42:55:3)

Mechanical Properties	Metric	English	Comments
Elongation at Break	3.0 %	3.0 %	EVA/ATH/Nanofil® 5 (42:55:3)

Thermal Properties	Metric	English	Comments
Flammability, UL94	V-0	V-0	PE/EVA Sheathing 55% ATH/Mg(OH) ₂ + 5% Nanofil (recommended)

Descriptive Properties	Value	Comments
Type	Organic intercalated Nanoclay	

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