

PolyOne Syncure™ S1017B Polyethylene, Crosslinked (XLPE)

Category : Polymer , Thermoplastic , Polyethylene (PE)

Material Notes:

Available as Catalyst Masterbatch component for PolyOne Syncure System. Oven Aging values are >75, and were measured on a 98.5 phr S1025A / 1.5 phr S1017B Syncure System. Torque is >1500. Pellet appearance is 1/8 cylindrical. Information provided by PolyOne

Order this product through the following link:

http://www.lookpolymers.com/polymer_PolyOne-Syncure-S1017B-Polyethylene-Crosslinked-XLPE.php

Physical Properties	Metric	English	Comments
Density	0.480 g/cc	0.0173 lb/in ³	Geon® 1169; Internal Method
	0.920 g/cc	0.0332 lb/in ³	ASTM D1505
Melt Flow	1.8 g/10 min	1.8 g/10 min	Procedure A; ASTM D1238
	@Load 2.16 kg, Temperature 190 °C	@Load 4.76 lb, Temperature 374 °F	

Descriptive Properties	Value	Comments
Appearance	Pellets/Cubes	ASTM D2090
Forms	Pellets	
Generic Material	XLPE	
Generic Name	Polyethylene, Crosslinked (XLPE)	
Regional Availability	North America	
Retention of Tensile Elongation	75%	158°C, 1.91 mm; 168 hr, UL Standard
Retention of Tensile Strength	75%	158°C, 1.91 mm; 168 hr, UL Standard
Uses	Wire & Cable Applications	

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