

## PolyOne Syncure™ S1044B Polyethylene, Crosslinked (XLPE)

Category : Polymer , Thermoplastic , Polyethylene (PE)

### Material Notes:

Available as Catalyst Masterbatch component for PolyOne Syncure System. Gel values are >70, and were measured on a 90 phr S1054A / 10 phr S1044B Syncure System; and cured for 8 hours in steam. Pellet appearance is 1/8 Black Beads. Information provided by PolyOne

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_PolyOne-Syncure-S1044B-Polyethylene-Crosslinked-XLPE.php](http://www.lookpolymers.com/polymer_PolyOne-Syncure-S1044B-Polyethylene-Crosslinked-XLPE.php)

Physical Properties	Metric	English	Comments
Density	0.600 g/cc	0.0217 lb/in <sup>3</sup>	Geon® 1169; Internal Method
	1.02 g/cc	0.0368 lb/in <sup>3</sup>	ASTM D1505
Melt Flow	1.1 g/10 min	1.1 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	Black	
	Pellets/Cubes	ASTM D2090
Forms	Pellets	
Gel Content	70%	ASTM D2765; Crosslinked PE, Method B (NonReferee Test)
Generic Material	XLPE	
Generic Name	Polyethylene, Crosslinked (XLPE)	
Regional Availability	North America	
Retention of Tensile Elongation	90%	121°C, 1.91 mm; 168 hr, UL Standard
Retention of Tensile Strength	95%	121°C, 1.91 mm; 168 hr, UL Standard
Uses	Wire & Cable Applications	

## Contact Songhan Plastic Technology Co.,Ltd.

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