



Syncure™ V0064G RoHS Crosslinked Polyethylene

Key Characteristics

Product Description

Available as Flame Retardant Catalyst Masterbatch component for PolyOne Syncure System.

General

Material Status	• Commercial: Active
Regional Availability	• North America
Features	• Flame Retardant
Uses	• Wire & Cable Applications
RoHS Compliance	• RoHS Compliant
Forms	• Pellets

Technical Properties ¹

Physical	Typical Value (English)	Typical Value (SI)	Test Method
Specific Gravity	1.97	1.97	ASTM D792
Apparent Density ²	1.13 g/cm ³	1.13 g/cm ³	Internal Method
Gel Content ³	60 %	60 %	ASTM D2765
Aging	Typical Value (English)	Typical Value (SI)	
Retention of Tensile Elongation ⁴ 316°F (158°C), 75.0 mil (1.91 mm)	120 %	120 %	
Retention of Tensile Strength ⁴ 316°F (158°C), 75.0 mil (1.91 mm)	100 %	100 %	

Additional Information

Gel, Torque, Dispersion, and Oven Aging were measured on a 100 phr S1027A / 66.7 phr V0064G Syncure System. Cured for 8 hours in steam at 90°C for Gel test and Oven Aging. Torque is > 900. Dispersion is Visual. Pellet appearance is 1/8" round.

Notes

¹ Typical values are not to be construed as specifications.

² Geon® 1169

³ Crosslinked PE, Method A (Referee Test)

⁴ 672 hr, UL Standard

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