



# 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 <sup>1</sup>

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

<sup>1</sup> Typical values are not to be construed as specifications.

<sup>2</sup> Geon® 1169

<sup>3</sup> Crosslinked PE, Method A (Referee Test)

<sup>4</sup> 672 hr, UL Standard