



Syncure™ V0044G RoHS Natural Crosslinked Polyethylene

Key Characteristics

Product Description

Catalyst Masterbatch component for PolyOne's Syncure™ system, which is a two-step, silane-grafted, moisture-crosslinkable polyethylene system.

General

Material Status	• Commercial: Active	
Regional Availability	• Africa & Middle East • Asia Pacific	• Europe • North America
Features	• Flame Retardant	
Uses	• Wire & Cable Applications	
Forms	• Pellets	

Technical Properties ¹

Physical	Typical Value (English)	Typical Value (SI)	Test Method
Density / Specific Gravity	2.26	2.26	ASTM D792
Apparent (Bulk) Density ²	1.26 g/cm ³	1.26 g/cm ³	Internal Method
Melt Mass-Flow Rate (MFR) ³ (190°C/2.16 kg)	3.4 g/10 min	3.4 g/10 min	ASTM D1238

Processing Information

Injection	Typical Value (English)	Typical Value (SI)
Drying Temperature	160 °F	71 °C
Drying Time	3.0 to 4.0 hr	3.0 to 4.0 hr
Rear Temperature	400 to 420 °F	204 to 216 °C
Middle Temperature	340 to 400 °F	171 to 204 °C
Front Temperature	350 to 400 °F	177 to 204 °C
Nozzle Temperature	350 to 420 °F	177 to 216 °C
Mold Temperature	80 to 150 °F	27 to 66 °C

Notes

¹ Typical values are not to be construed as specifications.

² Geon® 1169

³ Procedure A