



# Syncure™ V0030G M-1 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<br>• Asia Pacific<br>• Europe<br>• 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     |
|-------------------------------|-------------------------|------------------------|-----------------|
| Specific Gravity              | 2.13                    | 2.13                   | ASTM D792       |
| Apparent Density <sup>2</sup> | 1.18 g/cm <sup>3</sup>  | 1.18 g/cm <sup>3</sup> | Internal Method |

### Processing Information

| Injection          | Typical Value (English) | Typical Value (SI) |
|--------------------|-------------------------|--------------------|
| Drying Temperature | 160 °F                  | 71.1 °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   | 80.0 to 150 °F          | 26.7 to 65.6 °C    |

#### Notes

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

<sup>2</sup> Geon® 1169

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