

# Syncure™ S1006B

Crosslinked Polyethylene

PolyOne Corporation

Message:

It can be used as a catalyst masterbatch component for the Pulitzer Syncure system.

| General Information   |                             |                   |                 |
|---|-----------------------------|-------------------|-----------------|
| Uses  | Wire and cable applications |                   |                 |
| Forms   | Particle                    |                   |                 |
| Physical  | Nominal Value               | Unit              | Test Method     |
| Density   | 0.920                       | g/cm <sup>3</sup> | ASTM D1505      |
| Apparent Density <sup>1</sup>                                 | 0.45                        | g/cm <sup>3</sup> | Internal method |
| Melt Mass-Flow Rate (MFR) <sup>2</sup> (190°C/2.16 kg)        | 1.8                         | g/10 min          | ASTM D1238      |
| Appearance  | Particles/cubes             |                   | ASTM D2090      |
| Tensile strength retention rate <sup>3</sup> (158°C, 1.91 mm) | 75                          | %                 |                 |
| Elongation retention rate <sup>4</sup> (158°C, 1.91 mm)       | 75                          | %                 |                 |

Additional Information

炉内老化值大于75,基于95 phr S1025A / 5 phr S1006B Syncure系统测量得出.颗粒外观为1/8"圆柱状.

NOTE

|    |                        |
|----|------------------------|
| 1. | Geon® 1169             |
| 2. | Procedure A            |
| 3. | 168 hours, UL standard |
| 4. | 168 hours, UL standard |

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