

Solvay Specialty Polymers Catalyst PS/2 Polyolefin

Category : Other Engineering Material , Additive/Filler for Polymer

Material Notes:

Catalyst PS/2 is a PE based catalyst masterbatch, which accelerates the crosslinking reaction of the pipe product during its curing process that take place by exposure of the pipe to water or steam at high temperature. Catalyst PS/2 contains a processing aid. Features: Antioxidant; Good Thermal Aging Resistance Uses: Piping; Plumbing Parts; Potable Water Applications Additional Properties: Extruder Screw Compression Ratio - >2.5:1; Extruder Screw L/D Ratio - 25:1 to 30:1; Head Temperature - 200 Â°C Information provided by Solvay Specialty Polymers.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Solvay-Specialty-Polymers-Catalyst-PS2-Polyolefin.php

| Physical Properties | Metric | English | Comments |
|-----------------------|---------------|---------------------------|------------|
| Apparent Bulk Density | 0.550 g/cc | 0.0199 lb/in ³ | ASTM D1895 |
| Melt Flow | 0.50 g/10 min | 0.50 g/10 min | ISO 1133 |

| Compliance Properties | Metric | English | Comments |
|-----------------------|--------|---------|----------------|
| NSF | Yes | Yes | NSF 14; NSF 61 |

| Processing Properties | Metric | English | Comments |
|-------------------------|---------------|---------------|----------|
| Zone 1 | 150 - 200 Â°C | 302 - 392 Â°F | |
| Zone 2 | 150 - 200 Â°C | 302 - 392 Â°F | |
| Zone 3 | 150 - 200 Â°C | 302 - 392 Â°F | |
| Zone 4 | 150 - 200 Â°C | 302 - 392 Â°F | |
| Zone 5 | 150 - 200 Â°C | 302 - 392 Â°F | |
| Die Cooling Temperature | 210 Â°C | 410 Â°F | |

| Descriptive Properties | Value | Comments |
|------------------------|-----------------------------------|----------|
| Agency Ratings | DVGW W270; KTW Unspecified Rating | |
| | NSF 14; NSF 61 | |
| Availability | Asia Pacific | |
| | Europe | |
| | North America | |
| Processing Technique | Extrusion; Pipe Extrusion | |

| Descriptive Properties | Value | Comments |
|------------------------|-------|----------|
|------------------------|-------|----------|

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