Solvay Specialty Polymers Catalyst PS/4 Polyolefin

Category : Other Engineering Material , Additive/Filler for Polymer

Material Notes:

Catalyst PS/4 is a PE based catalyst masterbatch, which accelerates the crosslinking reaction of the pipe product during its curing process that can take place by exposure of the pipe to water or steam at high temperature. Catalyst PS/4 contains a processing aid.Features: Antioxidant; Good Thermal Aging ResistanceUses: Piping; Plumbing Parts; Potable Water ApplicationsAdditional Properties: Extruder Screw Compression Ratio - >2.5:1; Extruder Screw L/D Ratio - 25:1 to 30:1; Head Temperature - 200 Â°CInformation provided by Solvay Specialty Polymers.

Order this product through the following link:
http://www.lookpolymers.com/polymer_Solvay-Specialty-Polymers-Catalyst-PS4-Polyolefin.php

Physical Properties	Metric	English	Comments
Apparent Bulk Density	0.550 g/cc	0.0199 lb/inÂ³	ASTM D1895
Melt Flow	4.5 g/10 min	4.5 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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