

Solvay Specialty Polymers Catalyst LV/1LR Polyolefin

Category : Other Engineering Material , Additive/Filler for Polymer

Material Notes:

Catalyst LV/1LR 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 LV/1LR contains a processing aid and a lower reactive agent which in certain conditions improves processing. Features: Antioxidant; Good Thermal Aging Resistance Uses: Fittings; 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-LV1LR-Polyolefin.php

Physical Properties	Metric	English	Comments
Apparent Bulk Density	0.550 g/cc	0.0199 lb/in ³	ASTM D1895
Melt Flow	13 g/10 min	13 g/10 min	ISO 1133

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
Availability	Asia Pacific	
	Europe	
	North America	
Processing Technique	Extrusion; Injection Molding; Pipe Extrusion	

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