Petrothene® XL07417

Polyolefin

LyondellBasell Industries

Message:

Petrothene XL07417 is a colorable, non-halogenated, flame retardant compound crosslinkable via continuous vulcanization (C.V.).
Petrothene XL07417 is used in 125°C automotive wire & cable applications (SAE J1128/J1127).

General Information			
Additive	Flame retardancy		
Features	Copolymer Crosslinkable Good coloring Halogen-free Flame retardancy		
Uses	Low voltage insulation Wire and cable applications Application in Automobile Field		
Appearance	Natural color		
Forms	Particle		
Processing Method	Extrusion		
Physical	**Nominal Value**	**Unit**	**Test Method**
Density	1.40	g/cm³	ASTM D1505
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Strength (Yield, Compression Molded)	17.6	MPa	ASTM D638
Tensile Elongation (Break, Compression Molded)	240	%	ASTM D638
Aging	**Nominal Value**	**Unit**	**Test Method**
Change in Tensile Strength in Air (165°C, 168 hr)	-1.0	%	ASTM D573
Change in Ultimate Elongation in Air (165°C, 168 hr)	1.0	%	ASTM D573
Extrusion	**Nominal Value**	**Unit**	
Cylinder Zone 1 Temp.	107 - 113	°C	
Cylinder Zone 2 Temp.	107 - 113	°C	
Cylinder Zone 3 Temp.	107 - 113	°C	
Adapter Temperature	113 - 118	°C	
Melt Temperature	116 - 127	°C	
Extrusion instructions			

Head Temperature: 235 to 245°FScrew Cooling: 180°F, if needed to control melt temperatureDie Cooling: 90 to 120°F to control die droolMaximum screen pack of 40 meshLittle or no die landNo predrying normally requiredCompression Ratio: 2 to 3:1Curing line steam temperature should be at least 400°F.

Recommended distributors for this material

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