Petrothene® XL07425

Polyolefin

LyondellBasell Industries

Message:

Petrothene XL07425 is a colorable, non-halogenated, flame retardant compound crosslinkable via continuous vulcanization (C.V.).

General Information			
Additive	Flame retardancy		
Features	Copolymer Crosslinkable Halogen-free Flame retardancy		
Uses	Low voltage insulation Wire and cable applications Application in Automobile Field		
Wire Types	SIS		
Appearance	Natural color		
Forms	Particle		
Physical	**Nominal Value**	**Unit**	**Test Method**
Density	1.40	g/cm³	ASTM D1505
Elastomers	**Nominal Value**	**Unit**	**Test Method**
Tensile Strength (Break)	19.4	MPa	ASTM D412
Tensile Elongation (Break)	220	%	ASTM D412
Aging	**Nominal Value**	**Unit**	**Test Method**
Change in Tensile Strength in Air (165°C, 168 hr)	6.0	%	ASTM D573
Change in Ultimate Elongation in Air (165°C, 168 hr)	-2.0	%	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	
Cylinder Zone 4 Temp.	107 - 113	°C	
Cylinder Zone 5 Temp.	107 - 113	°C	
Adapter Temperature	113 - 118	°C	
Melt Temperature	116 - 127	°C	
Die Temperature	32.0 - 49.0	°C	

Extrusion instructions
Head Temperature: 113 to 118°C

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