

FRAGOM XLC/125 R

Polyolefin

Crosspolimeri S.p.A.

Message:

FRAGOM G XLC/125 R is a flame retardant halogen free polyolefin compound.

FRAGOM G XLC/125 R is a crosslinkable compound peroxide system, halogen free flame retardant. It is suitable for automotive cable insulation.

Before extrusion mix the material with 2% of MASTER X/01.

Certify: SAE J1127/J1128,FIAT 7.Z8220 T3 -T3 S,ISO 6722 Class C,LV 112

General Information			
Features	Crosslinkable		
	Flame Retardant		
	Halogen Free		
Uses	Automotive Applications		
	Insulation		
	Wire & Cable Applications		
Agency Ratings	ISO 6722 T3		
	ISO 6722 T3S		
	LV 112		
	SAE J1127		
	SAE J1128		
Forms	Pellets		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.44	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (100°C/21.6 kg)	1.0 to 3.0	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	50		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	18.0	MPa	IEC 60811
Tensile Strain (Break)	220	%	IEC 60811
Thermal	Nominal Value	Unit	Test Method
Hot Set ¹			IEC 60811
200°C	15	%	
Residual : 200°C	-10	%	
Corrosive Gas in Smoke - pH	> 4.50		IEC 60754-2
Halogen Content	0	%	IEC 60754-1

Flammability	Nominal Value	Unit	Test Method
Oxygen Index	27	%	ASTM D2863
Extrusion	Nominal Value	Unit	
Cylinder Zone 1 Temp.	80.0	°C	
Cylinder Zone 2 Temp.	100	°C	
Cylinder Zone 3 Temp.	100	°C	
Cylinder Zone 4 Temp.	100	°C	
Cylinder Zone 5 Temp.	110	°C	
Die Temperature	110	°C	
NOTE			
1.	20 N/cm ²		

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Recommended distributors for this material

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