

FRAGOM LC/125 RR

Polyolefin

Crosspolimeri S.p.A.

Message:

FRAGOM : is the trade-mark of our flame retardant and halogen free polyolefin compounds.

FRAGOM

LC/125 RR : is our compound CROSSLINKABLE BY RADIATION halogen free, low smoke and flame retardant.

It is suitable for automotive cables insulation with size >1 mm² and for insulation of low tension cables.

Exercise temperature - 40 / + 1425°C

Certify : SAE J1127/1128,FIAT 7,Z8220,9.91107 T3-T3 Special

General Information			
Features	Crosslinkable		
	Halogen-free		
	Flame retardancy		
Uses	Wire and cable applications		
	Insulating material		
	Application in Automobile Field		
Agency Ratings	SAE J1127		
	SAE J1128		
Forms	Particle		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.40	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	42 - 48	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 Strength	> 12.5	MPa	IEC 60811
Tensile Strain (Break)	> 130	%	IEC 60811
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	27	%	ASTM D2863
Halogen Content	0	%	IEC 60754-1
Corrosive gases in flue gas-pH	> 4.50		IEC 60754-2
Head Temperature	150 - 160	°C	
Additional Information			

No detrimental effects on properties and capability of FRAGOM in presence of convenient Masterbatch colours, black included. We suggest to dry masterbatch before using.

Extrusion	Nominal Value	Unit
Drying Temperature	70.0 - 80.0	°C
Drying Time	3.0 - 4.0	hr
Cylinder Zone 1 Temp.	80.0 - 110	°C
Cylinder Zone 2 Temp.	130	°C
Cylinder Zone 3 Temp.	140	°C
Cylinder Zone 4 Temp.	150	°C
Die Temperature	150 - 160	°C

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Recommended distributors for this material

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