

FRAGOM LCX/3013

Polyolefin
Crosspolimeri S.p.A.

Message:

FRAGOM G LCX/3013 is a flame retardant halogen free polyolefin compound.
FRAGOM G LCX/3013 is a halogen-free flame-retardant partially crosslinked compound suitable for automotive cables insulation and low voltage insulation. To be used with 1-2% of catalyst MAC/202.
The material doesn't pass abrasion test on cables sized less than 0.75 mm² having 0.25 mm thickness.
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		
	Low Voltage Insulation		
	Wire & Cable Applications		
Agency Ratings	ISO 6722 C		
	LV 112		
	SAE J1127		
	SAE J1128		
Forms	Pellets		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.32	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/21.6 kg)	1.0 to 2.0	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	51		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	> 15.0	MPa	IEC 60811
Tensile Strain (Break)	> 200	%	IEC 60811
Abrasion Resistance ¹ (250.0 µm)	> 3.5E+2	Cycles	LV 112
Heat Aging ² (175°C)	No Crack		IEC 60811
Service Temperature	-40 to 125	°C	
Halogen Content	< 0.100	%	IEC 60754-1
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	25	%	ISO 4589-2
Extrusion	Nominal Value	Unit	

Drying Temperature	80.0	°C
Drying Time	4.0	hr
Cylinder Zone 1 Temp.	170	°C
Cylinder Zone 2 Temp.	185	°C
Cylinder Zone 3 Temp.	190	°C
Cylinder Zone 4 Temp.	210	°C
Cylinder Zone 5 Temp.	220	°C
Die Temperature	225 to 240	°C
NOTE		
1.	0.75mm ² Size	
2.	1 hr on Mandrel	

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Recommended distributors for this material

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