

FRAGOM GR/22 PP

Polyolefin

Crosspolimeri S.p.A.

Message:

FRAGOM is the trade-mark of our flame retardant polyolefin thermoplastic compounds.

FRAGOM G GR/22 PP is a flame retardant partially crosslinked thermoplastic compound having good oxygen index, suitable for automotive cable insulation and for low voltage application, insulation and jacketing. To use with our CATALYST GETILAN MAC/203 HS or MAC/203 HSL (less reactive) at 1-3%.

Exercise temperature - 40 to +125 °C

Certify: ISO 6722 Class C,FIAT 7.Z8220 T3 -T3 S,SAE J1127/J1128, LV112

General Information			
Features	Crosslinkable		
	Flame Retardant		
Uses	Automotive Applications		
	Cable Jacketing		
	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	1.20	g/cm³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/5.0 kg)	2.0	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	58		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	> 14.0	MPa	IEC 60811
Tensile Strain (Break)	> 300	%	IEC 60811
Aging	Nominal Value		
Heat Aging			
1 hr, on Mandrel : 175°C	No Crack		
6 hr : 175°C	No Crack		
Hot Set ¹	IEC 60811		
200°C	70	%	
Residual Value : 200°C	0.0	%	

Service Temperature	-40 to 125	°C	
Halogen Content	< 12	%	IEC 60754-1
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	25	%	ISO 4589-2
Extrusion	Nominal Value	Unit	
Drying Temperature	80.0 to 100	°C	
Drying Time	4.0 to 6.0	hr	
Cylinder Zone 1 Temp.	170	°C	
Cylinder Zone 2 Temp.	185	°C	
Cylinder Zone 3 Temp.	210	°C	
Cylinder Zone 4 Temp.	220	°C	
Cylinder Zone 5 Temp.	225	°C	
Die Temperature	240	°C	
NOTE			
1.	20 N/cm ²		

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