

FRAGOM PR/22 PP

Polypropylene
Crosspolimeri S.p.A.

Message:

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

FRAGOM PR PR/22 PP: flame retardant thermoplastic compound having good oxygen index, suitable for automotive cable insulation.

Exercise temperature: - 40 +125°C

Certify: FIAT 7.Z8220 T3 ,ISO 6722 Class C,LV 112

General Information			
Features	Flame Retardant		
Uses	Automotive Applications		
	Insulation		
	Wire & Cable Applications		
Agency Ratings	ISO 6722 C		
	LV 112		
Forms	Pellets		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.20	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/5.0 kg)	0.50 to 3.0	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)	> 250	%	IEC 60811
Aging	Nominal Value		Test Method
Heat Aging - 6 hr (175°C)	No Crack		IEC 60811
Service Temperature	-40 to 125	°C	
Halogen Content	< 12	%	IEC 60754-1
Mandrel Test - 1 hr (175°C)	Pass		
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	27	%	ASTM D2863
Extrusion	Nominal Value	Unit	
Drying Temperature	100 to 110	°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.	195	°C	

Cylinder Zone 4 Temp.	200	°C
Cylinder Zone 5 Temp.	215	°C
Die Temperature	230	°C

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