

FRAGOM PR/800

Polyolefin
Crosspolimeri S.p.A.

Message:

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

FRAGOM PR/800 is a flexible flame retardant polyolefin thermoplastic compound having high temperature index and good oxygen index, suitable for cable sheathing and insulation.

General Information			
Features	Flame Retardant		
	Halogen Free		
Uses	Cable Jacketing		
Agency Ratings	BS 4066		
	CEI 2022 II/III		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.51	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/21.6 kg)	20	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	39		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	11.0	MPa	IEC 60811
Tensile Strain (Break)	200	%	IEC 60811
Aging	Nominal Value	Unit	Test Method
Change in Tensile Strength in Air (110°C, 168 hr)	0.0	%	IEC 60811
Change in Tensile Strain at Break in Air (110°C, 168 hr)	0.0	%	IEC 60811
Change in Tensile Stress (70°C, 4 hr, in SAE 20 Oil)	-23	%	IEC 60811
Change in Tensile Strain at Break (70°C, 4 hr, in SAE 20 Oil)	0.0	%	IEC 60811
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	40	%	ASTM D2863
Corrosive Gas in Smoke - oH	> 4.50		IEC 60754-2
Halogen Content	0	%	IEC 60754-1
Extrusion	Nominal Value	Unit	
Cylinder Zone 1 Temp.	100	°C	
Cylinder Zone 2 Temp.	115	°C	

Cylinder Zone 3 Temp.	135	°C
Cylinder Zone 4 Temp.	150	°C
Cylinder Zone 5 Temp.	165	°C
Die Temperature	165	°C

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