

FRAGOM PR/112 UTW

Polyolefin
Crosspolimeri S.p.A.

Message:

FRAGOM: is the trade-mark of our flame retardant polyolefinic compounds
FRAGOM PR PR/112 UTW: ow halogen flame-retardant thermoplastic compound suitable for UTW automotive cables insulation.
Exercise temperature: - 40 +125°C
Certify: LV112, ISO 6722 C, FIAT 7.Z8220,9.91107 T3

General Information			
Features	Low Halogen Content		
	Flame retardancy		
Uses	Wire and cable applications		
	Application in Automobile Field		
Agency Ratings	ISO 6722 C		
	LV 112		
Forms	Particle		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.21	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/21.6 kg)	15	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	> 19.0	MPa	IEC 60811
Tensile Strain (Break)	> 250	%	IEC 60811
Abrasion Resistance ¹ (250.0 µm)	> 2.0E+2	Cycles	
Heat Aging - 240 hr (150°C)	No Crack		IEC 60811
Halogen Content		%	IEC 60754-1
Mandrel Test - 6 hr (175°C)	No Crack		
Head Temperature	210	°C	
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	27	%	ASTM D2863
Additional Information	Nominal Value		
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	100 - 120	°C	

Drying Time	2.0 - 3.0	hr
Cylinder Zone 1 Temp.	160	°C
Cylinder Zone 2 Temp.	175	°C
Cylinder Zone 3 Temp.	190	°C
Cylinder Zone 4 Temp.	200	°C
Die Temperature	225	°C

NOTE

1. 0.35mm² Size

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