

FRAGOM PR/55 PP

Polyolefin
Crosspolimeri S.p.A.

Message:

FRAGOM PR PR/55 PP is a flame retardant polyolefin themoplastic compound.
FRAGOM PR PR/55 PP is a halogen free flame retardant polypropylene themoplastic compound having good oxygen index, suitable for pipes and channels extrusion.

General Information			
Features	Flame Retardant		
	Halogen Free		
Uses	Piping		
	Wire & Cable Applications		
Forms	Pellets		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.50	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/21.6 kg)	5.0 to 25	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	63		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	19.0	MPa	IEC 60811
Tensile Strain (Break)	> 50	%	IEC 60811
Flexural Modulus	1000	MPa	ISO 178
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	30	%	ASTM D2863
Halogen Content	< 1	%	IEC 60754-1
Extrusion	Nominal Value	Unit	
Drying Temperature	80.0 to 90.0	°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	220	°C	

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Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

