

FRAGOM PR/444 CD UV NERO

Polyolefin

Crosspolimeri S.p.A.

Message:

FRAGOM PR PR/444 CD is a flame retardant polyolefinic compound.

FRAGOM PR PR/444 CD UV NERO : FRAGOM PR/444 CD UV BLACK is halogen-free flame-retardant flexible polyolefinic thermoplastic compound with good oxygen index, very easy to process and suitable for UV resistant cable sheathing.

Suitable for armored cable sheath.

Certify : VDE 0207 HM2/HM4 (K=0,6),CEI 2011 M1,BS 7655 LTS 1-3

General Information			
Features	Halogen-free		
	Flame retardancy		
Uses	Cable sheath		
	Wire and cable applications		
Agency Ratings	BS 7655 LTS 3-4		
	CEI 2011 M1		
	VDE 0207 HM2 K=.6		
	VDE 0207 HM4 K=.6		
Forms	Particle		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.47	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/21.6 kg)	35	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	47		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress	12.0	MPa	IEC 60811
Tensile Strain (Break)	180	%	IEC 60811
Aging	Nominal Value	Unit	Test Method
Change in Tensile Strength in Air (110°C, 168 hr)	-9.0	%	IEC 60811
Change in Tensile Strain at Break in Air (110°C, 168 hr)	-15	%	IEC 60811
Thermal	Nominal Value	Unit	Test Method
Hot pressing test-4h at 90°C -Penetration	40	%	IEC 60811
Halogen Content	0	%	IEC 60754-1
Toxicity-pH	> 4.50		IEC 60754-2

Head Temperature	170	°C	
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	34	%	ASTM D2863

Additional Information

Two different cooling zone are suggested; the first with temperature around 45/55 °C.

Extrusion	Nominal Value	Unit	
Drying Temperature	80.0	°C	
Drying Time	3.0	hr	
Cylinder Zone 1 Temp.	110	°C	
Cylinder Zone 2 Temp.	135	°C	
Cylinder Zone 3 Temp.	145	°C	
Cylinder Zone 4 Temp.	160	°C	
Die Temperature	175	°C	

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

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



WECHAT