

Polifor® 20 BS/70 NATURALE

Polypropylene Homopolymer

SO.F.TER. SPA

Message:

Polypropylene homopolymer 70% mineral filled

General Information			
Filler / Reinforcement	Mineral,70% Filler by Weight		
Features	Homopolymer		
Agency Ratings	EC 1907/2006 (REACH)		
Appearance	Natural Color		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.98	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	20	g/10 min	ASTM D1238
Molding Shrinkage	0.70	%	Internal Method
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	15.0	MPa	ASTM D638
Tensile Elongation (Break)	40	%	ASTM D638
Flexural Modulus	3100	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	25	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	100	°C	ASTM D1525 ¹
Electrical	Nominal Value	Unit	Test Method
Comparative Tracking Index	600	V	IEC 60112
Flammability	Nominal Value	Unit	Test Method
Flame Rating			UL 94
1.60 mm	HB		
3.20 mm	HB		
Glow Wire Ignition Temperature	650	°C	IEC 60695-2-13
Injection	Nominal Value	Unit	
Rear Temperature	200	°C	
Middle Temperature	230	°C	
Front Temperature	240	°C	
Mold Temperature	40.0 to 60.0	°C	
NOTE			

1. Rate A (50°C/h), Loading 2 (50 N)

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