

Blendfor® A 4000 NATURALE

Polycarbonate + ABS

SO.F.TER. SPA

Message:

PC/ABS alloy, excellent impact resistance and good fluidity

General Information			
Features	Good Flow		
	Good Impact Resistance		
Agency Ratings	EC 1907/2006 (REACH)		
Appearance	Natural Color		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.12	g/cm³	ASTM D792
Melt Mass-Flow Rate (MFR) (260°C/5.0 kg)	15	g/10 min	ASTM D1238
Molding Shrinkage	0.55	%	Internal Method
Water Absorption (23°C, 24 hr)	0.10	%	ASTM D570
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	50.0	MPa	ASTM D638
Tensile Elongation (Break)	50	%	ASTM D638
Flexural Modulus	2250	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256
-30°C	200	J/m	
0°C	300	J/m	
23°C	400	J/m	
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	90.0	°C	ASTM D648
Vicat Softening Temperature	110	°C	ASTM D1525 ¹
Ball Pressure Test (75°C)	Pass		IEC 335
Electrical	Nominal Value	Unit	Test Method
Comparative Tracking Index	400	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
Oxygen Index	21	%	ASTM D2863

Injection	Nominal Value	Unit
Drying Temperature	90.0	°C
Drying Time	3.0	hr
Rear Temperature	220	°C
Middle Temperature	240	°C
Front Temperature	250	°C
Mold Temperature	50.0 to 70.0	°C

NOTE

1. Rate A (50°C/h), Loading 2 (50 N)

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Recommended distributors for this material

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