

Reblend® B4070 NATURALE

Polycarbonate + ABS

SO.F.TER. SPA

Message:

ABS/PA blend, very high impact strenght

General Information			
Features	Ultra High Impact Resistance		
Agency Ratings	EC 1907/2006 (REACH)		
Appearance	Natural Color		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.05	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (240°C/10.0 kg)	30	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	1800	MPa	ISO 527-2
Tensile Stress			ISO 527-2
Yield	42.0	MPa	
Break	35.0	MPa	
Tensile Strain (Break)	20	%	ISO 527-2
Flexural Modulus	1900	MPa	ISO 178
Flexural Stress	65.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	65	kJ/m ²	ISO 179/1eA
Charpy Unnotched Impact Strength (23°C)	No Break		ISO 179/1eU
Notched Izod Impact Strength (23°C)	70	kJ/m ²	ISO 180/1A
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	96.0	°C	ASTM D648
Vicat Softening Temperature	108	°C	ISO 306
Peak Melting Temperature	220	°C	ASTM D3417
Flammability	Nominal Value		Test Method
Flame Rating (3.20 mm)	HB		UL 94

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Recommended distributors for this material

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