

P-BLEND X85

Polycarbonate + ABS
Putsch Kunststoffe GmbH

Message:
PC/ABS blend with excellent impact at -40°C and improved heat resistance, good UV-stability.

General Information			
Features	Impact resistance, good		
	Good UV resistance		
	Heat resistance, high		
Physical	Nominal Value	Unit	Test Method
Density	1.23	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (260°C/5.0 kg)	18	g/10 min	ISO 1133
Molding Shrinkage	0.50 - 0.80	%	Internal method
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress			ISO 527-2
Yield	55.0	MPa	ISO 527-2
Fracture	50.0	MPa	ISO 527-2
Tensile Strain (Break)	20	%	ISO 527-2
Flexural Modulus	2500	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ISO 180
-30°C	35	kJ/m ²	ISO 180
-20°C	25	kJ/m ²	ISO 180
23°C	45	kJ/m ²	ISO 180
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	110	°C	ISO 75-2/A
Vicat Softening Temperature	130	°C	ISO 306/B
Additional Information			
Tensile Strength, ISO 527: 55 MPa			
Injection	Nominal Value	Unit	
Drying Temperature	110	°C	
Drying Time	2.0	hr	
Processing (Melt) Temp	265 - 270	°C	
Mold Temperature	40.0 - 80.0	°C	

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