

P-BLEND X5

Polycarbonate + ABS
Putsch Kunststoffe GmbH

Message:
Polymerblend of PC/ABS. In comparison to ABS higher impact strength and heat resistance.

General Information			
Features	Impact resistance, good		
	Heat resistance, high		
Physical	Nominal Value	Unit	Test Method
Density	1.18	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (260°C/5.0 kg)	25	g/10 min	ISO 1133
Molding Shrinkage	0.60 - 0.80	%	Internal method
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress			ISO 527-2
Yield	46.0	MPa	ISO 527-2
Fracture	40.0	MPa	ISO 527-2
Tensile Strain (Break)	30	%	ISO 527-2
Flexural Modulus	2700	MPa	ISO 178
Flexural Stress (3.5% Strain)	90.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ISO 180
-20°C	10	kJ/m ²	ISO 180
23°C	23	kJ/m ²	ISO 180
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	110	°C	ISO 306/B
Additional Information			
Tensile Strength, ISO 527: 46 MPa			
Injection	Nominal Value	Unit	
Drying Temperature	80.0	°C	
Drying Time	3.0	hr	
Processing (Melt) Temp	260 - 270	°C	
Mold Temperature	60.0 - 80.0	°C	

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