

P-FLEX 010

Acrylonitrile Butadiene Styrene
Putsch Kunststoffe GmbH

Message:
Standard type with a constant light natural color.

General Information			
Appearance	Natural color		
Physical	Nominal Value	Unit	Test Method
Density	1.06	g/cm³	ISO 1183
Melt Mass-Flow Rate (MFR) (220°C/10.0 kg)	20	g/10 min	ISO 1133
Molding Shrinkage	0.75 - 0.85	%	Internal method
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress			ISO 527-2
Yield	44.0	MPa	ISO 527-2
Fracture	42.0	MPa	ISO 527-2
Tensile Strain (Break)	20	%	ISO 527-2
Flexural Modulus	2500	MPa	ISO 178
Flexural Stress (3.5% Strain)	84.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ISO 180
-20°C	12	kJ/m²	ISO 180
23°C	16	kJ/m²	ISO 180
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	97.0	°C	ISO 306/B
Additional Information			
Tensile Strength, ISO 527: 44 MPa			
Injection	Nominal Value	Unit	
Drying Temperature	80.0	°C	
Drying Time	2.0	hr	
Processing (Melt) Temp	240 - 260	°C	
Mold Temperature	30.0 - 40.0	°C	

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