

P-FLEX 020

Acrylonitrile Butadiene Styrene
Putsch Kunststoffe GmbH

Message:
High impact ABS with good flexibility.

General Information			
Features		Impact resistance, high Good flexibility	
Physical	Nominal Value	Unit	Test Method
Density	1.05	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (220°C/10.0 kg)	10	g/10 min	ISO 1133
Molding Shrinkage	0.70 - 0.90	%	Internal method
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress			ISO 527-2
Yield	37.0	MPa	ISO 527-2
Fracture	36.0	MPa	ISO 527-2
Tensile Strain (Break)	10	%	ISO 527-2
Flexural Modulus	2200	MPa	ISO 178
Flexural Stress (3.5% Strain)	80.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ISO 180
-20°C	10	kJ/m ²	ISO 180
23°C	28	kJ/m ²	ISO 180
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	96.0	°C	ISO 306/B
Additional Information			
Tensile Strength, ISO 527: 37 MPaBurn Rate, MVS 302: 12 mm			
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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