

P-FLEX H 200

Acrylonitrile Butadiene Styrene

Putsch Kunststoffe GmbH

Message:

P-FLEX H 200 is an acrylonitrile butadiene styrene (ABS) product. It is available in Europe.

General Information			
Physical	Nominal Value	Unit	Test Method
Density	1.04	g/cm³	ISO 1183
Melt Mass-Flow Rate (MFR) (220°C/10.0 kg)	8.0	g/10 min	ISO 1133
Molding Shrinkage	0.60 - 0.90	%	Internal method
Hardness	Nominal Value	Unit	Test Method
Ball Indentation Hardness	115	MPa	ISO 2039-1
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress			ISO 527-2
Yield	45.0	MPa	ISO 527-2
Fracture	37.0	MPa	ISO 527-2
Tensile Strain (Break)	10	%	ISO 527-2
Flexural Modulus	2500	MPa	ISO 178
Flexural Stress (3.5% Strain)	79.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ISO 180
-20°C	6.0	kJ/m²	ISO 180
23°C	20	kJ/m²	ISO 180
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	96.0	°C	ISO 75-2/A
Vicat Softening Temperature	106	°C	ISO 306/B
Additional Information			
Tensile Strength, ISO 527: 45 MPa			
Injection	Nominal Value	Unit	
Drying Temperature	80.0	°C	
Drying Time	3.0	hr	
Processing (Melt) Temp	250	°C	
Mold Temperature	45.0 - 65.0	°C	

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