

TEREZ ABS 3003

Acrylonitrile Butadiene Styrene

TER HELL PLASTIC GMBH

Message:

High impact ABS.
For moulding parts with high impact resistance.

General Information			
Features	High Impact Resistance		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.03	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (220°C/10.0 kg)	6.0	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	1900	MPa	ISO 527-2
Tensile Stress (Yield)	40.0	MPa	ISO 527-2
Tensile Strain (Yield)	3.0	%	ISO 527-2
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179/1eA
-30°C	13	kJ/m ²	
23°C	35	kJ/m ²	
Charpy Unnotched Impact Strength (23°C)	No Break		ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, Unannealed	89.0	°C	ISO 75-2/B
1.8 MPa, Unannealed	76.0	°C	ISO 75-2/A
Vicat Softening Temperature	90.0	°C	ISO 306/B50
Electrical	Nominal Value	Unit	Test Method
Comparative Tracking Index	600	V	IEC 60112

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