

TEREZ ABS 3016

Acrylonitrile Butadiene Styrene

TER HELL PLASTIC GMBH

Message:

Easy flowing ABS with good impact resistance.

For moulding parts with low wall thickness and/or unfavourable flow distance/wall thickness relation.

General Information			
Features	Good Flow		
	Good Impact Resistance		
Uses	Thin-walled Parts		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.04	g/cm ³	ISO 1183
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2300	MPa	ISO 527-2
Tensile Stress (Yield)	45.0	MPa	ISO 527-2
Tensile Strain			ISO 527-2
Yield	2.4	%	
Break	12	%	
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179/1eA
-30°C	7.0	kJ/m ²	
23°C	19	kJ/m ²	
Charpy Unnotched Impact Strength (23°C)	140	kJ/m ²	ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, Unannealed	90.0	°C	ISO 75-2/B
1.8 MPa, Unannealed	78.0	°C	ISO 75-2/A
Vicat Softening Temperature	95.0	°C	ISO 306/B50

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