

TEREZ PBT/ABS Blend 4240/20

Acrylonitrile Butadiene Styrene + PBT

TER HELL PLASTIC GMBH

Message:

Impact resistant PBT/ABS Blend with good flowability.
For moulding parts with high requirement of impact resistance and low-temperature impact strength.

General Information			
Features	Good Flow		
	Good Impact Resistance		
	Low Temperature Impact Resistance		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.12	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (260°C/5.0 kg)	15	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2100	MPa	ISO 527-2
Tensile Strain (Yield)	4.0	%	ISO 527-2
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	14	kJ/m ²	ISO 179/1eA
Charpy Unnotched Impact Strength (23°C)	No Break		ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, Unannealed	102	°C	ISO 75-2/B
1.8 MPa, Unannealed	65.0	°C	ISO 75-2/A
Vicat Softening Temperature	98.0	°C	ISO 306/B50

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