


TEREZ PBT/ABS Blend 4240/20

(ABS+PBT)

Ter Plastics

Product Texts

Impact resistant PBT/ABS Blend with good flowability.

For moulding parts with high requirement of impact resistance and low-temperature impact strength.

Rheological properties	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	15	g/10min	ISO 1133
MFI temperature	260	°C	ISO 1133
MFI load	5	kg	ISO 1133
Mechanical properties			
ISO Data			
Tensile Modulus	2100	MPa	ISO 527-1/-2
Tensile Strength	40	MPa	ISO 527-1/-2
Yield stress	45	MPa	ISO 527-1/-2
Yield strain	4	%	ISO 527-1/-2
Strain at break	20	%	ISO 527-1/-2
Charpy impact strength (+23°C)	N	kJ/m ²	ISO 179/1eU
Charpy notched impact strength (+23°C)	14	kJ/m ²	ISO 179/1eA
Thermal properties			
ISO Data			
Temp. of deflection under load (1.80 MPa)	65	°C	ISO 75-1/-2
Temp. of deflection under load (0.45 MPa)	102	°C	ISO 75-1/-2
Vicat softening temperature, 50°C/h 50N	98	°C	ISO 306
Burning behav. at 1.5 mm nom. thickn.	HB	class	IEC 60695-11-10
Thickness tested	1.6	mm	IEC 60695-11-10
Other properties			
ISO Data			
Density	1120	kg/m ³	ISO 1183