


TEREZ ABS 5304

ABS

Ter Plastics

Product Texts

Medium viscous ABS with good heat resistant properties.
 Suitable for injection moulding applications and self colouring.

Rheological properties	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	6	g/10min	ISO 1133
MFI temperature	220	°C	ISO 1133
MFI load	10	kg	ISO 1133
Mechanical properties			
ISO Data			
Tensile Modulus	2400	MPa	ISO 527-1/-2
Tensile Strength	43	MPa	ISO 527-1/-2
Strain at break	45	%	ISO 527-1/-2
Charpy impact strength (+23°C)	N	kJ/m ²	ISO 179/1eU
Charpy notched impact strength (+23°C)	12	kJ/m ²	ISO 179/1eA
Thermal properties			
ISO Data			
Temp. of deflection under load (1.80 MPa)	108	°C	ISO 75-1/-2
Vicat softening temperature A	108	°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			
Water absorption	0.3	%	Sim. to ISO 62
Density	1030	kg/m ³	ISO 1183