TEREZ® PA/ABS Blend 2000/9

(PA*+ABS) Ter Plastics

Product Texts

High impact blend with reduced moisture Absorption.
For moulded parts with increased demand on impact strength
and low-temperature impact strength. For Extrusion applications.

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	**7**	g/10min	ISO 1133
Temperature	**260**	°C	-
Load	**5**	kg	-

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	**1800**	MPa	ISO 527
Tensile Strength	**40**	MPa	ISO 527
Charpy impact strength, +23°C	**N**	kJ/m²	ISO 179/1eU
Charpy notched impact strength, +23°C	**80**	kJ/m²	ISO 179/1eA

Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 1.80 MPa	**65**	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	**165**	°C	ISO 75-1/-2
Vicat softening temperature, B	**145**	°C	ISO 306
Burning behav. at 1.5 mm nom. thickn.	**HB**	class	IEC 60695-11-10
Thickness tested	**1.6**	mm	-

Other properties	Value	Unit	Test Standard
Water absorption	**4.5**	%	Sim. to ISO 62
Humidity absorption	**1.3**	%	Sim. to ISO 62
Density	**1120**	kg/m³	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	**80**	°C	-
Pre-drying - Time	**4**	h	-
Processing humidity	**≤0.1**	%	-
Mold temperature	**60 - 80**	°C	-
Feed temperature	**60 - 80**	°C	-
Zone 1	**250 - 280**	°C	-
Nozzle temperature	**240 - 270**	°C	-
Maximum residence time	**8**	min	-

Characteristics

Processing
Injection Molding, Other Extrusion

Regional Availability
Europe

Special Characteristics
High impact or impact modified