

Rheological properties	Value	Unit	Test Standard
ISO Data			
Melt volume-flow rate, MVR	8	cm³/10min	ISO 1133
Temperature	200	°C	-
Load	5	kg	-
Molding shrinkage, parallel	0.7	%	ISO 294-4, 2577

Mechanical Properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	1500	MPa	ISO 527-1/-2
Yield stress	26	MPa	ISO 527-1/-2
Yield strain	2.2	%	ISO 527-1/-2
Strain at break	>50	%	ISO 527-1/-2
Charpy impact strength (+23°C)	no break	kJ/m²	ISO 179/1eU
Charpy notched impact strength (+23°C)	2	kJ/m²	ISO 179/1eA
Flexural modulus (23°C)	1400	MPa	ISO 178
Shore D hardness, 15s	65	-	ISO 868

Thermal Properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load (1.80 MPa)	61	°C	ISO 75-1/-2
Temp. of deflection under load (0.45 MPa)	76	°C	ISO 75-1/-2
Vicat softening temperature, 50°C/h 50N	53	°C	ISO 306
Coeff. of linear therm. expansion, parallel	75	E-6/K	ISO 11359-1/-2

Other Properties	Value	Unit	Test Standard
ISO Data			
Water absorption	0.07	%	Sim. to ISO 62
Density	1020	kg/m³	ISO 1183
Bulk density	600	kg/m³	-

Optical Properties	Value	Unit	Test Standard
ASTM Data			
Haze	1	%	ASTM D 1003
Light Transmittance	90	%	ASTM D 1003

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Melt temperature	180 - 250	°C	-
Mold temperature	30 - 50	°C	-

Characteristics

Processing

Injection Molding

Special Characteristics

Transparent

Delivery form

Pellets

Features

Blending Resin, Copolymer

Disclaimer

These guide values are measured and provided by the product manufacturer and have been determined on standardised test specimens and can be affected by pigmentation, mould design and processing conditions. M-Base has taken the guide values from the producer's original Technical Data Sheet. **ALBIS AND M-BASE ARE THEREFORE NOT RESPONSIBLE FOR THE ACCURACY OF THE GUIDE VALUES AND CANNOT GIVE ANY WARRANTY WITH REGARD TO THEIR CORRECTNESS.**

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