

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt volume-flow rate, MVR	20	cm ³ /10min	ISO 1133
Temperature	250	°C	-
Load	21.6	kg	-
Molding shrinkage, parallel	0.4	%	ISO 294-4, 2577

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	5000	MPa	ISO 527
Tensile Strength	103	MPa	ISO 527
Strain at break	5	%	ISO 527
Flexural strength	147	MPa	ISO 178
Charpy impact strength, +23°C	30	kJ/m ²	ISO 179/1eU
Charpy impact strength, -30°C	30	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	8	kJ/m ²	ISO 179/1eA
Charpy notched impact strength, -30°C	8	kJ/m ²	ISO 179/1eA

Thermal properties	Value	Unit	Test Standard
ISO Data			
Vicat softening temperature, B	141	°C	ISO 306
Coeff. of linear therm. expansion, parallel	55	E-6/K	ISO 11359-1/-2
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
Density	1140	kg/m ³	ISO 1183

Characteristics

Processing

Injection Molding

Delivery form

Black

Certifications

Drinking water contact, Drinking water contact KTW

Regional Availability

North America, Europe, Asia Pacific