

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt volume-flow rate, MVR	5.5	cm ³ /10min	ISO 1133
Temperature	300	°C	-
Load	1.2	kg	-
Mechanical properties			
ISO Data			
Tensile Modulus	6800	MPa	ISO 527
Stress at break	95	MPa	ISO 527
Strain at break	3	%	ISO 527
Charpy impact strength, +23°C	46	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	6.2	kJ/m ²	ISO 179/1eA
Thermal properties			
ISO Data			
Glass transition temperature, 10°C/min	140	°C	ISO 11357-1/-2
Temp. of deflection under load, 1.80 MPa	145	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	150	°C	ISO 75-1/-2
Vicat softening temperature, B	150	°C	ISO 306
Burning behav. at 1.5 mm nom. thickn.	V-0	class	IEC 60695-11-10
Thickness tested	1.6	mm	-
Other properties			
Water absorption	0.3	%	Sim. to ISO 62
Humidity absorption	0.13	%	Sim. to ISO 62
Density	1240	kg/m ³	ISO 1183

Characteristics

Delivery form

Black

Regional Availability

Europe

Special Characteristics

Flame retardant