

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt volume-flow rate, MVR	1.5	cm ³ /10min	ISO 1133
Temperature	200	°C	-
Load	10	kg	-

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	2500	MPa	ISO 527
Yield stress	49.5	MPa	ISO 527
Yield strain	2.7	%	ISO 527
Flexural modulus, 23°C	4800	MPa	ISO 178
Charpy notched impact strength, +23°C	1.8	kJ/m ²	ISO 179/1eA
Shore D hardness	80	-	ISO 7619-1

Thermal properties	Value	Unit	Test Standard
ISO Data			
Burning behav. at thickness h	HB	class	IEC 60695-11-10

Other properties	Value	Unit	Test Standard
Density	1180	kg/m ³	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	100	°C	-
Pre-drying - Time	4	h	-
Mold temperature	20 - 50	°C	-
Feed temperature	180	°C	-
Zone 1	190	°C	-
Zone 2	195	°C	-
Zone 3	200	°C	-
Nozzle temperature	210	°C	-
Injection pressure	100	MPa	-

Characteristics

Processing

Injection Molding

Special Characteristics

High impact or impact modified, U.V. stabilized or stable to weather

Features

Laser Markable, Weldable

Chemical Resistance

Alkali Resistance, General Chemical Resistance, Environmental Stress Crack Resistance, Oil Resistance

Certifications

Contains renewable resources

Applications

Automotive, Electrical and Electronical

Regional Availability

Europe, Asia Pacific