

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Strength	66	MPa	ISO 527
Flexural modulus, 23°C	2520	MPa	ISO 178
Charpy notched impact strength, +23°C	2	kJ/m ²	ISO 179/1eA
ASTM Data			
Tensile Strength	68	MPa	ASTM D 638
Flexural Modulus	2649	MPa	ASTM D 790
Flexural Strength	103	MPa	ASTM D 790
Izod Impact notched, 1/8 in	25	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ISO Data			
Melting temperature, 10°C/min	250	°C	ISO 11357-1/-3
Burning behav. at thickness h	V-2	class	IEC 60695-11-10
Thickness tested	0.8	mm	-
ASTM Data			
UL 94 Flame rating	V-2	-	UL 94
Thickness tested	0.8	mm	-
DTUL @ 66 psi	103	°C	ASTM D 648
Melting Temperature	254	°C	ASTM D 3418

Other properties	Value	Unit	Test Standard
Density	1700	kg/m ³	ISO 1183
Density	1700	kg/m ³	ASTM D 792

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	110 - 140	°C	-
Pre-drying - Time	3 - 5	h	-
Processing humidity	≤0.05	%	-
Mold temperature	60 - 80	°C	-
Zone 1	255	°C	-
Zone 2	260	°C	-
Zone 3	265	°C	-
Nozzle temperature	270	°C	-

Characteristics

Processing

Injection Molding, Other Extrusion

Regional Availability

North America, Asia Pacific

Special Characteristics

Flame retardant