

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	28	g/10min	ISO 1133
Temperature	220	°C	-
Load	2.16	kg	-
Molding shrinkage, parallel	1.3	%	ISO 294-4, 2577
Molding shrinkage, normal	1.4	%	ISO 294-4, 2577
ASTM Data			
Melt Flow Index, MFI	25	g/10min	ASTM D 1238
Temperature	220	°C	-
Load	2.16	kg	-
Mold Shrinkage, MD	0.0115	mm/mm	ASTM D 955
Mechanical properties			
ISO Data	Value	Unit	Test Standard
Tensile Strength	33	MPa	ISO 527
Flexural modulus, 23°C	146	MPa	ISO 178
Charpy notched impact strength, +23°C	N	kJ/m ²	ISO 179/1eA
Shore D hardness	55	-	ISO 7619-1
ASTM Data			
Tensile Strength	31	MPa	ASTM D 638
Flexural Modulus	211	MPa	ASTM D 790
Shore D Hardness	55	-	ASTM D 2240
Taber Abrasion Resistance	5	mg/1000 cycles	ASTM D 1044
Izod Impact notched, 1/8 in	N	J/m	ASTM D 256
Izod Impact notched, Low-Temperature	N	J/m	ASTM D 256
Temperature	-40	°C	-
Thermal properties			
ISO Data	Value	Unit	Test Standard
Melting temperature, 10°C/min	200	°C	ISO 11357-1/-3
Vicat softening temperature, A	170	°C	ISO 306
ASTM Data			
UL 94 Flame rating	HB	-	UL 94
Thickness tested	0.8	mm	-
DTUL @ 66 psi	102	°C	ASTM D 648
Melting Temperature	200	°C	ASTM D 3418
Electrical properties			
ISO Data	Value	Unit	Test Standard
Volume resistivity	1E13	Ohm*m	IEC 62631-3-1
Electric strength	18.8	kV/mm	IEC 60243-1
Other properties			
Value	Unit	Test Standard	
Density	1180	kg/m ³	ISO 1183
Density	1190	kg/m ³	ASTM D 792
Processing Recommendation Injection Molding			
Value	Unit	Test Standard	
Pre-drying - Temperature	100 - 120	°C	-
Pre-drying - Time	3 - 6	h	-
Processing humidity	≤0.08	%	-
Mold temperature	30 - 80	°C	-
Zone 1	160 - 190	°C	-
Zone 2	160 - 210	°C	-
Zone 3	180 - 220	°C	-
Nozzle temperature	190 - 230	°C	-

Characteristics

Processing

Injection Molding

Regional Availability

North America, Asia Pacific