

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	23	g/10min	ASTM D 1238
Temperature	220	°C	-
Load	10	kg	-

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength at Yield	44.8	MPa	ASTM D 638
Elongation at Break	25	%	ASTM D 638
Flexural Modulus	2248	MPa	ASTM D 790
Rockwell Hardness	R 103	-	ASTM D 785
Izod Impact notched, 1/8 in	294	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ASTM Data			
UL 94 Flame rating	HB	-	UL 94
Thickness tested	1.52	mm	-
DTUL @ 264 psi	88.9	°C	ASTM D 648

Other properties	Value	Unit	Test Standard
Density	1040	kg/m ³	ASTM D 792

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	87.8 - 93.3	°C	-
Pre-drying - Time	2 - 24	h	-
Melt temperature	218 - 260	°C	-
Mold temperature	48.9 - 65.6	°C	-
Zone 1	193	°C	-
Zone 2	216	°C	-
Zone 3	232	°C	-
Screw speed	50 - 60	rpm	-
Injection pressure	68.9 - 82.7	MPa	-
Back pressure	0.689	MPa	-

Characteristics

Processing

Injection Molding

Delivery form

Pellets

Special Characteristics

Platable

Regional Availability

North America, Europe, Asia Pacific, South and Central America, Near East/Africa