

Mechanical properties	dry / cond	Unit	Test Standard
ISO Data			
Tensile Strength	360 / 350	MPa	ISO 527
Flexural modulus, 23°C	29000 / 28000	MPa	ISO 178
Flexural strength	550 / 530	MPa	ISO 178
Charpy notched impact strength, +23°C	45 / 50	kJ/m ²	ISO 179/1eA

Thermal properties	dry / cond	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 1.80 MPa	295 / *	°C	ISO 75-1/-2

Other properties	dry / cond	Unit	Test Standard
Density	1330 / -	kg/m ³	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	120 - 140	°C	-
Pre-drying - Time	5 - 24	h	-
Mold temperature	140 - 160	°C	-
Zone 1	290 - 320	°C	-
Zone 2	300 - 330	°C	-
Zone 3	310 - 340	°C	-
Nozzle temperature	310 - 340	°C	-
Screw speed	40 - 60	rpm	-
Back pressure	1 - 5	MPa	-

Characteristics

Processing

Injection Molding

Regional Availability

Asia Pacific

Features

Long fiber reinforced