

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	1900	MPa	ISO 527
Tensile Strength	55	MPa	ISO 527
Flexural modulus, 23°C	1800	MPa	ISO 178

Thermal properties	Value	Unit	Test Standard
ISO Data			
Melting temperature, 10°C/min	257	°C	ISO 11357-1/-3

Other properties	Value	Unit	Test Standard
Density	1080	kg/m ³	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	65 - 82	°C	-
Pre-drying - Time	2 - 4	h	-
Processing humidity	≤0.2	%	-
Melt temperature	282 - 304	°C	-
Mold temperature	49 - 93	°C	-
Zone 1	260 - 282	°C	-
Zone 2	271 - 293	°C	-
Zone 3	282 - 304	°C	-
Nozzle temperature	279 - 301	°C	-
Injection pressure	7 - 15	MPa	-
Back pressure	0 - 50	MPa	-
Holding pressure	5 - 12	MPa	-
Maximum residence time	6	min	-

Characteristics

Processing

Injection Molding

Delivery form

Black

Special Characteristics

High impact or impact modified, Heat stabilized or stable to heat

Chemical Resistance

Oil Resistance

Regional Availability

North America