

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt volume-flow rate, MVR	12	cm ³ /10min	ISO 1133
Temperature	260	°C	-
Load	2.16	kg	-

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	50	MPa	ISO 527
Stress at break	46	MPa	ISO 527
Strain at break	500	%	ISO 527
Tear strength	47	kN/m	ISO 34-1
Shore A hardness	89	-	ISO 7619-1

Thermal properties	Value	Unit	Test Standard
ISO Data			
Melting temperature, 10°C/min	84	°C	ISO 11357-1/-3
Vicat softening temperature, A	64	°C	ISO 306

Other properties	Value	Unit	Test Standard
Density	940	kg/m ³	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Melt temperature	270 - 300	°C	-
Mold temperature	20 - 30	°C	-
Feed temperature	<30	°C	-
Zone 1	270 - 290	°C	-
Zone 2	270 - 300	°C	-
Zone 3	275 - 300	°C	-
Zone 4	275 - 300	°C	-
Nozzle temperature	275 - 300	°C	-
Screw speed	50 - 100	rpm	-
Injection speed	50 - 150	mm/s	-
Injection pressure	50 - 150	MPa	-
Back pressure	≤15	MPa	-
Holding pressure	30 - 60	MPa	-
Maximum residence time	<15	min	-

Characteristics

Processing

Injection Molding

Special Characteristics

Transparent

Features

Barrier Properties

Regional Availability

North America, Europe, Asia Pacific, South and Central America