

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	3	g/10min	ASTM D 1238
Temperature	230	°C	-
Load	2.16	kg	-

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength	60	MPa	ASTM D 638
Elongation at Break	4.5	%	ASTM D 638
Flexural Modulus	3700	MPa	ASTM D 790
Flexural Strength	80	MPa	ASTM D 790
Izod Impact notched, 1/8 in	60	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ASTM Data			
UL 94 Flame rating	HB	-	UL 94
DTUL @ 264 psi	140	°C	ASTM D 648
Vicat Temperature	110	°C	ASTM D 1525

Other properties	Value	Unit	Test Standard
Density	1050	kg/m ³	ASTM D 792

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	80	°C	-
Pre-drying - Time	2	h	-
Melt temperature	190 - 230	°C	-
Mold temperature	60 - 80	°C	-

Characteristics

Processing

Injection Molding, Other Extrusion

Delivery form

Black

Features

Homopolymer

Regional Availability

North America, Europe, South and Central America