

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Mold Shrinkage, MD	0.003	mm/mm	ASTM D 955
Mechanical properties			
	dry / cond	Unit	Test Standard
ASTM Data			
Tensile Strength	180 / 120	MPa	ASTM D 638
Elongation at Break	3.8 / 6	%	ASTM D 638
Flexural Modulus	11500 / 6000	MPa	ASTM D 790
Flexural Strength	200 / 175	MPa	ASTM D 790
Rockwell Hardness	R 105 /	-	ASTM D 785
Izod Impact notched, 1/8 in	125 / 160	J/m	ASTM D 256
Izod Impact notched, Low-Temperature	120 / 120	J/m	ASTM D 256
Temperature	-30	°C	-
Other Standards^[5]			
Ball indentation hardness	215 / 140	MPa	ASTM D 785

S: These properties are reported by the producer according standards that are different to our defaults.

Thermal properties	Value	Unit	Test Standard
ASTM Data			
UL 94 Flame rating	HB	-	UL 94
DTUL @ 66 psi	260	°C	ASTM D 648
DTUL @ 264 psi	250	°C	ASTM D 648
Melting Temperature	257	°C	ASTM D 3418

Other properties	Value	Unit	Test Standard
Density	1370	kg/m ³	ASTM D 792

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	90	°C	-
Pre-drying - Time	4	h	-
Melt temperature	270 - 290	°C	-
Mold temperature	60 - 90	°C	-

Characteristics

Processing

Injection Molding, Other Extrusion

Chemical Resistance

Hydrolytically Stable

Delivery form

Black

Regional Availability

North America, Europe, South and Central America

Special Characteristics

U.V. stabilized or stable to weather, Heat stabilized or stable to heat