

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	35	g/10min	ASTM D 1238
Temperature	275	°C	-
Load	5	kg	-
Mold Shrinkage, MD	0.003	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength at Yield	169	MPa	ASTM D 638
Elongation at Break	2.5	%	ASTM D 638
Flexural Modulus	8412	MPa	ASTM D 790
Flexural Strength	269	MPa	ASTM D 790
Izod Impact notched, 1/8 in	96.1	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ASTM Data			
UL 94 Flame rating	HB	-	UL 94
Thickness tested	0.8	mm	-
DTUL @ 264 psi	245	°C	ASTM D 648
Melting Temperature	260	°C	ASTM D 3418

Other properties	Value	Unit	Test Standard
Water Absorption, 24hr	0.3	%	ASTM D 570
Density	1370	kg/m ³	ASTM D 792

Characteristics

Delivery form

Black

Special Characteristics

Heat stabilized or stable to heat

Chemical Resistance

Hydrolytically Stable

Certifications

RoHS compliant

Regional Availability

Europe, Asia Pacific