

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	45	g/10min	ASTM D 1238
Temperature	275	°C	-
Load	5	kg	-
Mold Shrinkage, MD	0.0032	mm/mm	ASTM D 955
Mechanical properties			
ASTM Data	Value	Unit	Test Standard
Tensile Strength at Yield	131	MPa	ASTM D 638
Elongation at Break	2.5	%	ASTM D 638
Flexural Modulus	8600	MPa	ASTM D 790
Flexural Strength	200	MPa	ASTM D 790
Izod Impact notched, 1/8 in	8.56	J/m	ASTM D 256
Thermal properties			
ASTM Data	Value	Unit	Test Standard
UL 94 Flame rating	V-0	-	UL 94
Thickness tested	0.8	mm	-
DTUL @ 264 psi	240	°C	ASTM D 648
Melting Temperature	262	°C	ASTM D 3418
Other properties			
Value	Unit	Test Standard	
Density	1410	kg/m ³	ASTM D 792

Characteristics

Delivery form

Black

Certifications

RoHS compliant

Special Characteristics

Flame retardant, Halogen-free

Regional Availability

Europe, Asia Pacific