

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Molding shrinkage, parallel	1.6	%	ISO 294-4, 2577
ASTM Data			
Mold Shrinkage, MD	0.017	mm/mm	ASTM D 955
Mechanical properties			
ISO Data			
Stress at break	23	MPa	ISO 527
Strain at break	>50	%	ISO 527
Flexural modulus, 23°C	1150	MPa	ISO 178
Charpy notched impact strength, +23°C	13	kJ/m ²	ISO 179/1eA
ASTM Data			
Tensile Strength	25	MPa	ASTM D 638
Elongation at Break	200	%	ASTM D 638
Flexural Modulus	1300	MPa	ASTM D 790
Flexural Strength	35	MPa	ASTM D 790
Izod Impact notched, 1/8 in	100	J/m	ASTM D 256
Thermal properties			
ISO Data			
Temp. of deflection under load, 0.45 MPa	95	°C	ISO 75-1/-2
ASTM Data			
DTUL @ 66 psi	105	°C	ASTM D 648
DTUL @ 264 psi	90	°C	ASTM D 648
Electrical properties			
ASTM Data			
Surface Resistivity	>1E15	Ohm	ASTM D 257
Other properties			
Density	1020	kg/m ³	ASTM D 792
Processing Recommendation Injection Molding			
Pre-drying - Temperature	80 - 85	°C	-
Pre-drying - Time	4 - 6	h	-
Melt temperature	200 - 240	°C	-
Mold temperature	30 - 60	°C	-

Characteristics

Processing

Injection Molding

Special Characteristics

Flame retardant

Delivery form

Black

Regional Availability

Asia Pacific