

Processing/Physical Characteristics	dry / cond	Unit	Test Standard
ISO Data			
Molding shrinkage, parallel	1.8 / *	%	ISO 294-4, 2577
ASTM Data			
Mold Shrinkage, MD	0.018	mm/mm	ASTM D 955
Mechanical properties			
ISO Data			
Yield stress	76 / -	MPa	ISO 527
Flexural modulus, 23°C	2830 / -	MPa	ISO 178
Izod notched impact strength, +23°C	48 / -	kJ/m ²	ISO 180/1A
ASTM Data			
Tensile Strength at Yield	75.8 / -	MPa	ASTM D 638
Elongation at Break	15 / -	%	ASTM D 638
Flexural Modulus	2830 / -	MPa	ASTM D 790
Flexural Strength	96.5 / -	MPa	ASTM D 790
Rockwell Hardness	M 85 /	-	ASTM D 785
Izod Impact notched, 1/8 in	48 / -	J/m	ASTM D 256
Thermal properties			
ASTM Data			
DTUL @ 66 psi	238	°C	ASTM D 648
DTUL @ 264 psi	82.2	°C	ASTM D 648
Other properties			
dry / cond			
Density	1140 / -	kg/m ³	ISO 1183
Water Absorption, 24hr	0.9	%	ASTM D 570
Density	1140	kg/m ³	ASTM D 792

Characteristics

Delivery form

Pellets, Black

Special Characteristics

Heat stabilized or stable to heat

Additives

Lubricants

Regional Availability

North America