

Mechanical properties	dry / cond	Unit	Test Standard
<b>ISO Data</b>			
<sup>[C]</sup> Tensile Modulus	9800 / 6700	MPa	ISO 527
<sup>[C]</sup> Stress at break	144 / 107	MPa	ISO 527
<sup>[C]</sup> Strain at break	4 / 6	%	ISO 527
Flexural modulus, 23°C	8700 / 6000	MPa	ISO 178
Flexural strength	235 / 165	MPa	ISO 178
<sup>[C]</sup> Charpy impact strength, +23°C	71 / 78	kJ/m <sup>2</sup>	ISO 179/1eU
<sup>[C]</sup> Charpy notched impact strength, +23°C	10 / 13	kJ/m <sup>2</sup>	ISO 179/1eA
Rockwell hardness	R 120	-	ISO 2039-2
<b>ASTM Data</b>			
Tensile Strength	157 / 118	MPa	ASTM D 638
Elongation at Break	3 / 3	%	ASTM D 638
Flexural Modulus	8000 / 6300	MPa	ASTM D 790
Flexural Strength	245 / 177	MPa	ASTM D 790
Rockwell Hardness	M 89 / M 60	-	ASTM D 785
Taber Abrasion Resistance	9	mg/1000 cycles	ASTM D 1044
Izod Impact notched, 1/8 in	98 / 118	J/m	ASTM D 256

[C]: CAMPUS

Thermal properties	dry / cond	Unit	Test Standard
<b>ISO Data</b>			
Temp. of deflection under load, 1.80 MPa	246 / *	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	261 / *	°C	ISO 75-1/-2
<sup>[C]</sup> Burning Behav. at thickness h	HB / *	class	IEC 60695-11-10
Thickness tested	0.8 / *	mm	-
Yellow Card available	yes / *	-	-
<b>ASTM Data</b>			
UL 94 Flame rating	HB	-	UL 94
Thickness tested	0.75	mm	-
Coefficient of Thermal Expansion, MD	30	E-6/K	ASTM D 696
DTUL @ 66 psi	260	°C	ASTM D 648
DTUL @ 264 psi	248	°C	ASTM D 648

[C]: CAMPUS

Other properties	dry / cond	Unit	Test Standard
<sup>[C]</sup> Humidity absorption	1.4 / *	%	Sim. to ISO 62
<sup>[C]</sup> Density	1480 / -	kg/m <sup>3</sup>	ISO 1183
Density	1480	kg/m <sup>3</sup>	ASTM D 792

[C]: CAMPUS

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	80 - 90	°C	-
Pre-drying - Time	2 - 3	h	-
Melt temperature	275 - 295	°C	-
Mold temperature	75 - 85	°C	-

## Characteristics

### Processing

Injection Molding

### Features

Tribologic Grade

### Delivery form

Pellets

### Applications

Automotive

### Additives

Lubricants

### Regional Availability

North America, Europe, Asia Pacific, South and Central America, Near East/Africa