

Mechanical properties	dry / cond	Unit	Test Standard
<b>ISO Data</b>			
<sup>[C]</sup> Tensile Modulus	<b>8100 / 5200</b>	MPa	ISO 527
<sup>[C]</sup> Stress at break	<b>131 / 100</b>	MPa	ISO 527
<sup>[C]</sup> Strain at break	<b>4 / 7</b>	%	ISO 527
Flexural modulus, 23°C	<b>6700 / 4200</b>	MPa	ISO 178
Flexural strength	<b>203 / 143</b>	MPa	ISO 178
<sup>[C]</sup> Charpy notched impact strength, +23°C	<b>5 / 6</b>	kJ/m <sup>2</sup>	ISO 179/1eA
Rockwell hardness	<b>R 120</b>	-	ISO 2039-2
<b>ASTM Data</b>			
Tensile Strength	<b>139 / 106</b>	MPa	ASTM D 638
Elongation at Break	<b>6 / 9</b>	%	ASTM D 638
Flexural Modulus	<b>6600 / 4200</b>	MPa	ASTM D 790
Flexural Strength	<b>213 / 151</b>	MPa	ASTM D 790
Rockwell Hardness	<b>M 94 / M 74</b>	-	ASTM D 785
Izod Impact notched, 1/8 in	<b>51 / 59</b>	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	<b>240 / *</b>	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	<b>250 / *</b>	°C	ISO 75-1/-2
<sup>[C]</sup> Burning Behav. at thickness h	<b>HB / *</b>	class	IEC 60695-11-10
Thickness tested	<b>0.8 / *</b>	mm	-
Yellow Card available	<b>yes / *</b>	-	-
<b>ASTM Data</b>			
UL 94 Flame rating	<b>HB</b>	-	UL 94
Thickness tested	<b>0.75</b>	mm	-
Coefficient of Thermal Expansion, MD	<b>40</b>	E-6/K	ASTM D 696

[C]: CAMPUS

Other properties	dry / cond	Unit	Test Standard
<sup>[C]</sup> Humidity absorption	<b>1.5 / *</b>	%	Sim. to ISO 62
<sup>[C]</sup> Density	<b>1450 / -</b>	kg/m <sup>3</sup>	ISO 1183
Density	<b>1450</b>	kg/m <sup>3</sup>	ASTM D 792

[C]: CAMPUS

## 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

### Special Characteristics

Heat stabilized or stable to heat