

Mechanical properties	dry / cond	Unit	Test Standard
<b>ISO Data</b>			
<sup>[C]</sup> Tensile Modulus	1900 / 700	MPa	ISO 527
<sup>[C]</sup> Yield stress	* / 35	MPa	ISO 527
<sup>[C]</sup> Yield strain	* / 28	%	ISO 527
<sup>[C]</sup> Stress at 50% strain	45 / *	MPa	ISO 527
<sup>[C]</sup> Strain at break	>50 / *	%	ISO 527
Flexural modulus, 23°C	2000 / 700	MPa	ISO 178
Flexural strength	73 / 30	MPa	ISO 178
<sup>[C]</sup> Charpy impact strength, +23°C	N / N	kJ/m <sup>2</sup>	ISO 179/1eU
<sup>[C]</sup> Charpy notched impact strength, +23°C	80 / N	kJ/m <sup>2</sup>	ISO 179/1eA
Rockwell hardness	R 107	-	ISO 2039-2
<b>ASTM Data</b>			
Tensile Strength	54 / 37	MPa	ASTM D 638
Elongation at Break	70 / 220	%	ASTM D 638
Flexural Modulus	2000 / 1000	MPa	ASTM D 790
Flexural Strength	79 / 39	MPa	ASTM D 790
Rockwell Hardness	R 107 / R 89	-	ASTM D 785
Taber Abrasion Resistance	6	mg/1000 cycles	ASTM D 1044
Izod Impact notched, 1/8 in	1110 / 1320	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	58 / *	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	183 / *	°C	ISO 75-1/-2
<b>ASTM Data</b>			
Coefficient of Thermal Expansion, MD	110	E-6/K	ASTM D 696
DTUL @ 66 psi	215	°C	ASTM D 648
DTUL @ 264 psi	73	°C	ASTM D 648

Other properties	dry / cond	Unit	Test Standard
<sup>[C]</sup> Humidity absorption	1.7 / *	%	Sim. to ISO 62
<sup>[C]</sup> Density	1080 / -	kg/m <sup>3</sup>	ISO 1183
Density	1080	kg/m <sup>3</sup>	ASTM D 792

[C]: CAMPUS

## Characteristics

### Processing

Injection Molding, Wire/Cable Extrusion

### Applications

Automotive

### Delivery form

Pellets

### Regional Availability

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

### Special Characteristics

High impact or impact modified, Heat stabilized or stable to heat