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## Typical Properties

### ARC6601

**Description:** Nylon 6/6, Internally Lubricated

<u>Property</u>	<u>English Value</u>	<u>Test Reference</u>
Melt Point	494°F 257°C	ASTM D-789
Density	71.1 lb/ft <sup>3</sup> 1.14 gm/cm <sup>3</sup>	ASTM D-792
Tensile Strength	11.0 x 10 <sup>3</sup> psi 75 MPa	ASTM D-638
Elongation	50%	ASTM D-638
Flexural Modulus	4.0 x 10 <sup>5</sup> psi 2750 MPa	ASTM D-790
Flexural Strength	16.0 x 10 <sup>3</sup> psi 110 MPa	ASTM D-790
Notched Izod	.9 ft-lb/in. 49 J/m	ASTM D-256
Shrinkage	.014-.019 in/in	
Deflection Temp. @ 264 psi	180°F 82°C	ASTM D-648
Deflection Temp. @ 66 psi	440°F 227°C	ASTM D-648

*Properties indicated above are for natural color resins, dry as molded. Addition of colorants or additives may alter or degrade these properties.*

The test results are believed to be based on reliable procedures. Due to variable conditions or methods of processing. NO GUARANTEES OR WARRANTIES ARE EXPRESSED OR IMPLIED, INCLUDING THE IMPLIED WARRANTY OF MERCHANTABILITY FOR PARTICULAR PURPOSE. The above information is not to be construed as a license or a recommendation to infringe on any patents.