



P.O. Box 1128 • Marietta OH 45750
Phone: 740-374-3742 • Phone: 800-937-3746 • Fax: 740-374-6059

Typical Properties

ARC60G33

Description: Nylon 6, 33% Glass Filled, Lubricated

<u>Property</u>	<u>English Value</u>	<u>Test Reference</u>
Melt Point	425°F 218°C	ASTM D-789
Density	86.2 lb/ft ³ 1.38 gm/cm ³	ASTM D-792
Tensile Strength	20.0 x 10 ³ psi 138 MPa	ASTM D-638
Elongation	5%	ASTM D-638
Flexural Modulus	11.0 x 10 ⁵ psi 7590 MPa	ASTM D-790
Flexural Strength	28.0 x 10 ³ psi 193 MPa	ASTM D-790
Notched Izod	1.6 ft-lb/in. 85 J/m	ASTM D-256
Shrinkage	.004 in/in	
Deflection Temp. @ 264 psi	400°F 204°C	ASTM D-648
Deflection Temp. @ 66 psi	410°F 210°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.