



## PROLINE 77G43L BLACK NYLON 612

<b>PROPERTIES</b>	<b>ASTM TEST METHOD</b>	<b>DRY AS MOLDED</b>
<b>TENSILE STRENGTH AT FAIL</b>	<b>D-638</b>	<b>26,900 psi</b>
<b>TENSILE ELONGATION AT FAIL</b>	<b>D-638</b>	<b>2.8%</b>
<b>FLEXURAL MODULUS</b>	<b>D-790</b>	<b>1,600,000 psi</b>
<b>FLEXURAL STRENGTH</b>	<b>D-790</b>	<b>39,000 psi</b>
<b>NOTCHED IZOD IMPACT STRENGTH AT .010" NOTCH RADIUS 1/2" X 1/8" BAR</b>	<b>D-256</b>	<b>3.2 ft.lb/in.</b>
<b>ROCKWELL HARDNESS M SCALE</b>	<b>D-785</b>	<b>95</b>
<b>MELT POINT</b>	<b>D-789</b>	<b>500 Degrees F</b>
<b>COEFFICIENT OF LINEAR THERMAL EXPANSION</b>	<b>D-696</b>	<b>.60 in/in/Degrees F</b>
<b>SPECIFIC GRAVITY</b>	<b>D-792</b>	<b>1.40</b>

