



# TYPICAL PROPERTIES

Reference Document No. GTS-0014S

<b>Material Name:</b> NWR	<b>Material Description:</b> Nylon, Wear Resistant, Nylon 6
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**Physical Properties (ASTM Test Method)**

DESCRIPTION	TYPICAL
Color	Gray to Black
Specific Gravity (D792)	1.16
Hardness, Rockwell, Points (D785)	R116
Tensile Strength, p.s.i. (D638)	11,000
Elongation, % (D638)	27
Permanent Deformation Under 2000 p.s.i. @ 122°F, % (D621)	1.0
Shear Strength @ 80°F, p.s.i. (D732)	10,500
Shear Strength @ 150°F, p.s.i. (D732)	9400
Shear Strength @ 200°F, p.s.i. (D732)	9000
Shear Strength @ 250°F, p.s.i. (D732)	7400
Shear Strength @ 300°F, p.s.i. (D732)	6400
Shear Strength @ 350°F, p.s.i. (D732)	5500
Shear Strength @ 400°F, p.s.i. (D732)	4600

t y p i c a l p r o p e r t i e s | n w r

**Contact Us**

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