



**COMPOUND:** NJG4A

**POLYMER:** Polyamide (PA)

**DESCRIPTION:** 40% Glass Fiber Reinforced Natural Nylon 6, Injection molded Stock Shapes and Machined parts

Property	Test Method	Typical Values	Units
Specific Gravity	ASTM D792	1.44	-
Tensile Strength at Break	ASTM D638	11,000 (75.84)	PSI (MPa)
Elongation at Break	ASTM D1708 & D1710	5	%
Tensile Modulus	ASTM D638	800,000 (5,515.81)	PSI (MPa)
Flexural Strength	ASTM D790	19,000 (131)	PSI (MPa)
Flexural Modulus	ASTM D790	700,000 (4,826.33)	PSI (MPa)
Izod Impact Strength, Notched	ASTM D256	0.7	FT.LB/INCH
Izod Impact Strength, Unnotched	ASTM D256	5.8	FT.LB/INCH

**REVISION HISTORY**

REV. NONE – Initial Release, 9-15-2016 BRC

REV. A – Updated data sheet format on new template. 10-12-2020 RSK