

NYLON GN40



FEATURES

- High wear resistance
- High compressive strength
- Good temperature resistance
- Low moisture absorption
- Excellent fluid resistance
- Cost effective

PRODUCT DESCRIPTION

Code: GN40
Color: Greyish Black
Description: 40% Glass Fiber Reinforced Nylon 6

Property	Value	Unit	Value	Unit
Tensile Strength, Yield	29,000	PSI	200	MPa
Tensile Elongation, Break	4.0	%	4.0	%
Flexural Strength	42,050	PSI	290	MPa
Flexural Modulus	2,000,000	PSI	13,800	MPa
Compressive Strength	28,275	PSI	195	MPa
Izod Impact Strength, Notched	3.5	ft lb/in	14	KJ/m ²
Heat Deflection Temperature	410	° F	210	° C
Service Temperature Range	-65 to 285	° F	- 54 to 140	° C
Specific Gravity	1.45	-	1.45	-
Hardness, Rockwell	90	M Scale	90	M Scale
Moisture Absorption	0.25	%	0.25	%

January 1, 2017

This information corresponds to our current information on this material. It is provided solely to provide guidelines for your evaluation. This information is not intended to substitute for any testing you may need to conduct to determine the suitability of our products for your particular application. Since we cannot anticipate all variations of the actual end use application conditions, we do not make any warranties or assume any liabilities in connection with any use of this information.

Product Performance. Affordability. Availability.



10515 Majic Port Lane | Fort Wayne, IN 46819 | USA
Telephone: 260-615-3951 | Fax: 260-436-5267
info@BlackHawkSeals.com