

# Nylene® 9110 G33

## TECHNICAL DATASHEET

TDS Ref # 164 Reviewed: 2/2/2015

### DESCRIPTION

- 33% glass fiber reinforced nylon 6/10 injection molding grade.
- Has the high strength and stiffness of reinforced nylon, while also having the reduced moisture pick-up associated with nylon 6,10.
- Suitable for applications where moisture pickup may be a concern.

PROPERTIES	TEST METHOD	UNIT	VALUE
<b>PHYSICAL PROPERTIES</b>			
Specific Gravity	D792	n/a	1.32
<b>MECHANICAL PROPERTIES</b>			
Elongation	D638	%	25
Flexural Modulus	D790	psi (MPa)	1,100,000 (7585)
Notched Izod	D256	ft.Lb/in.	2.5 (134)
Tensile Strength	D638	psi (MPa)	21,000 (145)
<b>THERMAL PROPERTIES</b>			
DTUL @ 264 psi/1.82 MPa	D648	°F (°C)	385 (196)
Melt Point	D3418	°F (°C)	418 (214)

### NOTES

- Testing conducted on dry-as-molded specimens at 73°F (22.8°C)

### PROCESSING CONSIDERATIONS: SPECIALTY SPECIALTY 6/10

Please contact for processing information on this product.

### CHARACTERISTICS

Resin Type: Copolymers  
Product Characteristics:  
Glass Reinforced, Copolymer

### INJECTION MOLDING PROCESSING

Prime Grade

### MARKETS USED

- General Applications

### APPLICATIONS

- Fasteners
- Inlet Housings
- Pump Housings

### DISCLAIMER

The data set forth herein has been carefully compiled by Nylene in our laboratories. Values shown are typical properties and not specifications. Since processing variables will affect properties, the reproducibility of our data in a customer's testing facility is not guaranteed. There is no warranty of any kind, either expressed or implied, applicable to the use of this information, and the user assumes all risk and liability in connection therewith.



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