

PA66 GS35L NC010
Glass Sphere Reinforced, Nylon 66 resin

PA66 GS35L NC010 is a 35% glass sphere reinforced nylon 66. The addition of glass spheres reduces the differential shrinkage often associated with standard glass fiber reinforcement which results in reduced warpage in the molded part.

Property	Test Method	Units	Value
			DAM
Mechanical			
Tensile Strength	ASTM D 638	psi	10,000
Elongation @ Break	ASTM D 638	%	3
Flexural Modulus	ASTM D 790	psi	680,000
Izod Impact	ASTM D256	ft lb/in	0.8
Thermal			
Heat Deflection Temperature	ASTM D 648	°F	210
1.8 Mpa (264 psi)	ASTM D 3418	°F	502
Melting Point			
Other			
Specific Gravity	ASTM D 792		1.41
Processing			
Melt Temperature		°F	550-580
Range		°F	150-210
Mold Temperature		%	<0.20
Range			
Processing Moisture Content			

Mechanical properties measured at 23°C (73°F)

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