

# Nylene® 9110

Polyamide 610

Custom Resins Group

Message:

General purpose unreinforced nylon 6/10 injection molding grade

Has heat and chemical resistance inherent in nylons, while also having the reduced moisture pick-up associated with nylon 6/10

Suitable for clips, bushings, housings, and other uses where moisture pickup may be a concern

General Information			
Features	General Purpose		
	Good Chemical Resistance		
	High Heat Resistance		
	Low Moisture Absorption		
Uses	Bushings		
	General Purpose		
	Housings		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.08	g/cm <sup>3</sup>	ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (23°C)	62.1	MPa	ASTM D638
Tensile Elongation (Break, 23°C)	70	%	ASTM D638
Flexural Modulus (23°C)	2030	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	48	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed	174	°C	
1.8 MPa, Unannealed	62.2	°C	
Peak Melting Temperature	214	°C	ASTM D3418

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