

NYLENE® 9543 HS

PA612-GF43

Polymeric Resources Corporation

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Mold Shrinkage, MD	0.002	mm/mm	ASTM D 955
Mechanical properties			
ASTM Data			
Tensile Modulus	10550	MPa	ASTM D 638
Tensile Strength	148	MPa	ASTM D 638
Flexural Modulus	9101	MPa	ASTM D 790
Izod Impact notched, 1/8 in	112	J/m	ASTM D 256
Thermal properties			
ASTM Data			
DTUL @ 264 psi	202	°C	ASTM D 648
Melting Temperature	224	°C	ASTM D 3418
Other properties			
Density	1430	kg/m ³	ASTM D 792
Processing Recommendation Injection Molding			
Pre-drying - Temperature	66 - 82	°C	-
Pre-drying - Time	2 - 4	h	-
Melt temperature	65.6 - 121	°C	-

Characteristics**Processing**

Injection Molding

Special Characteristics

Heat stabilized or stable to heat

Features

Copolymer

Chemical Resistance

General Chemical Resistance

Applications

Automotive, Electrical and Electronical, General Purpose

Regional Availability

North America