

NYLENE® 764B

PA6

Polymeric Resources Corporation

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength	52.4	MPa	ASTM D 638
Flexural Modulus	1862	MPa	ASTM D 790
Izod Impact notched, 1/8 in	N	J/m	ASTM D 256
Izod Impact notched, Low-Temperature	187	J/m	ASTM D 256
Temperature	-40	°C	-
Thermal properties			
ASTM Data			
Melting Temperature	219	°C	ASTM D 3418
Other properties			
Density	1090	kg/m ³	ASTM D 792
Processing Recommendation Extrusion			
Pre-drying - Temperature	82	°C	-
Pre-drying - Time	2 - 4	h	-
Melt temperature	288 - 302	°C	-
Feed temperature	260 - 277	°C	-
Zone 1	271 - 293	°C	-
Zone 2	288 - 302	°C	-
Nozzle temperature	288 - 302	°C	-

Characteristics**Processing**

Blow Molding

Features

Melt Strength

Special Characteristics

High impact or impact modified, Heat stabilized or stable to heat

Regional Availability

North America