

NYLENE® PX1719

PA6

Polymeric Resources Corporation

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Mold Shrinkage, MD	0.014	mm/mm	ASTM D 955
Mechanical properties			
ASTM Data			
Tensile Strength	62.1	MPa	ASTM D 638
Elongation at Break	250	%	ASTM D 638
Flexural Modulus	655	MPa	ASTM D 790
Izod Impact notched, 1/8 in	854	J/m	ASTM D 256
Thermal properties			
ASTM Data			
DTUL @ 66 psi	141	°C	ASTM D 648
Melting Temperature	216	°C	ASTM D 3418
Other properties			
Density	1080	kg/m ³	ASTM D 792
Processing Recommendation Extrusion			
Pre-drying - Temperature	82	°C	-
Pre-drying - Time	2 - 4	h	-
Melt temperature	254 - 277	°C	-
Feed temperature	232 - 243	°C	-
Zone 1	243 - 260	°C	-
Zone 2	254 - 277	°C	-
Nozzle temperature	254 - 277	°C	-

Characteristics**Processing**

Injection Molding, Pipe/Tube Extrusion, Profile Extrusion

Applications

Automotive

Special Characteristics

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

Regional Availability

North America