

NYLENE 2407 HSSP

PA6

Polymeric Resources Corporation

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	1.7	g/10min	ASTM D 1238
Mold Shrinkage, MD	0.012	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength	44.8	MPa	ASTM D 638
Flexural Modulus	593.6	MPa	ASTM D 790

Thermal properties	Value	Unit	Test Standard
ASTM Data			
DTUL @ 66 psi	162	°C	ASTM D 648
Melting Temperature	218	°C	ASTM D 3418

Other properties	Value	Unit	Test Standard
Density	1070	kg/m ³	ASTM D 792

Processing Recommendation Extrusion	Value	Unit	Test Standard
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**

Pipe/Tube Extrusion, Profile Extrusion, Other Extrusion

Features

Copolymer

Delivery form

Black, Natural Color

Applications

Automotive

Special Characteristics

High impact or impact modified

Regional Availability

North America