

NYLENE 2408 HSSP

PA6

Polymeric Resources Corporation

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Strength	40	MPa	ISO 527
Strain at break	125	%	ISO 527
Flexural modulus, 23°C	1080	MPa	ISO 178
Izod notched impact strength, +23°C	26	kJ/m ²	ISO 180/1A

Thermal properties	Value	Unit	Test Standard
ISO Data			
Melting temperature, 10°C/min	246	°C	ISO 11357-1/-3
Temp. of deflection under load, 1.80 MPa	42	°C	ISO 75-1/-2

Other properties	Value	Unit	Test Standard
Density	1070	kg/m ³	ISO 1183

Processing Recommendation Extrusion	Value	Unit	Test Standard
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

Special Characteristics

High impact or impact modified

Features

Copolymer

Applications

Automotive

Regional Availability

North America