

NYLENE® CP41211

PA666

Polymeric Resources Corporation

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength at Yield	27	MPa	ASTM D 638
Tensile Strength at Break	95	MPa	ASTM D 638
Thermal properties	Value	Unit	Test Standard
ASTM Data			
Melting Temperature	195	°C	ASTM D 3418
Other properties	Value	Unit	Test Standard
Density	1120	kg/m ³	ASTM D 792
Material specific properties	Value	Unit	Test Standard
ISO Data			
Viscosity number	240	cm ³ /g	ISO 307, 1157, 1628
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**

Film Extrusion, Pipe/Tube Extrusion, Profile Extrusion

Chemical Resistance

General Chemical Resistance

Special Characteristics

Heat stabilized or stable to heat, Transparent

Certifications

Food contact, Food approval FDA 21 CFR

Features

Barrier Properties

Regional Availability

North America