

NYLENE® CP81311

PA*

Polymeric Resources Corporation

Thermal properties	Value	Unit	Test Standard
ASTM Data			
Melting Temperature	195	°C	ASTM D 3418

Other properties	Value	Unit	Test Standard
Density	1110	kg/m ³	ASTM D 792
Moisture Content	0.1	%	-

Film Properties	Value	Unit	Test Standard
ASTM Data			
Tensile Modulus, MD	355	MPa	ASTM D 882
Tensile Strength, MD	60	MPa	ASTM D 882
Tensile Strength at Yield, MD	26.5	MPa	ASTM D 882
Tensile Strength at Break, MD	58	MPa	ASTM D 882
Elongation at Break, MD	350	%	ASTM D 882

Processing Recommendation Extrusion	Value	Unit	Test Standard
Melt temperature	225 - 260	°C	-

Characteristics**Processing**

Blown Film Extrusion, Film Extrusion

Certifications

Food contact

Special Characteristics

Transparent

Applications

Packaging

Features

Barrier Properties, Good Drawdown, Low Gel, Copolymer

Regional Availability

North America

Chemical Resistance

General Chemical Resistance, Oxidation Resistance