

Nylene® CP11411

TECHNICAL DATASHEET

TDS Ref # 882 Reviewed: 9/24/2015

DESCRIPTION

- Custom Resins' Nylene® CP11411 is a Nylon 6/6,6 copolymer suitable for both blown and cast film co-extrusion.
- Because Nylene® CP11411 is polymerized using a continuous process, it has good lot-to-lot consistency.

PROPERTIES	TEST METHOD	UNIT	VALUE
PHYSICAL PROPERTIES			
Oxygen Permeably	D3985	See Note#2	3.5*
Relative Viscosity	D789	Formic Acid	3.5
Specific Gravity	D792	n/a	1.12
Viscosity Number	ISO307	cm ³ /gm	205
MECHANICAL PROPERTIES			
Break Stress	D638	MPa	95
Maximum Strain	D638	[%]	350
Maximum Stress	D638	Mpa	95
Tear Strength	D1922	grams	70
Yield Stress	D638	MPa	27
THERMAL PROPERTIES			
Melt Point	D3418	°F (°C)	383 (195)

NOTES

- 1. Oxygen permeability measured using 1 mil. mono-film.
- Cc-mil/100 in2-24 hr.-atm @ 75° F (24° C)
- For comparison, values for nylon 6 monofilm of one mil was measured at 3.1 cc-mil/100 sq. in.-24 hr.-atm.

PROCESSING CONSIDERATIONS: SPECIALTY SPECIALTY 66/6

Please contact for processing information on this product.

CHARACTERISTICS

Resin Type: Nylon 6/6/6
 Product Characteristics:
 Mid RV

EXTRUSION PROCESSING

Film

FEATURES

- Excellent toughness
- Chemical resistance
- Transparency
- Low oxygen permeability

MARKETS USED

- Packaging Industry

APPLICATIONS

- Blown Film
- Cast Film (in general)

DISCLAIMER

The data set forth herein has been carefully compiled by Nylene in our laboratories. Values shown are typical properties and not specifications. Since processing variables will affect properties, the reproducibility of our data in a customer's testing facility is not guaranteed. There is no warranty of any kind, either expressed or implied, applicable to the use of this information, and the user assumes all risk and liability in connection therewith.



Headquarters and Facility:
 55 Haul Road, Wayne, NJ 07470
 P: 973-694-4141 | F: 973-694-3549

North American Sales Office:
 31700 Telegraph Rd. Suite 235, MI 48025
 P: 248-377-6769 | F: 248-377-3845

Nylene Custom Resins Facility:
 1421 Hwy 136 W. Henderson, KY 42420
 P: 270-826-7641 | TF: 800-626-7050

Nylene Canada Facility
 200 McNab Street, Arnprior ON, K7S 3P2
 P: 613-623-3191 | TF: 800-267-7394

For a complete listing of our global offices, visit:
www.nylene.com/contactus
www.nylene.com | info@nylene.com

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