

Nylene® NX1170

TECHNICAL DATASHEET

TDS Ref # 863 Reviewed: 5/26/2015

DESCRIPTION

- NYLENE® NX 1170 is a PA 6 copolymer, high viscosity grade formulated to give low wear properties through use of molybdenum disulfide at a high loading level.

PROPERTIES	TEST METHOD	UNIT	VALUE
PHYSICAL PROPERTIES			
Specific Gravity	D792	n/a	1.31
MECHANICAL PROPERTIES			
Elongation @ Break	D638	[%]	20
Tensile Strength	D638	psi (MPa)	11,000 (76)
THERMAL PROPERTIES			
Melt Flow	D1238	dg/min	420 (215)

NOTES

- Testing conducted on dry-as-molded specimens at 73°F

CHARACTERISTICS

Resin Type: Nylon 6

Product Characteristics:

Copolymer, Molybdenum Disulphide Lubricated, High RV, Low Wear

COMPOUNDING PROCESSING

High RV

EXTRUSION PROCESSING

Tubing & Profile

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

Copyright ©2019, Nylene. All rights reserved. Nylene is a designated trademark of Polymeric Resources Corporation.