

Overview of materials for Nylon, Barrier Film Copolymer

Category : Polymer , Film , Thermoplastic , Nylon , Nylon, Barrier Film Copolymer

Material Notes:

This property data is a summary of similar materials in the MatWeb database for the category "Nylon, Barrier Film Copolymer". Each property range of values reported is minimum and maximum values of appropriate MatWeb entries. The comments report the average value, and number of data points used to calculate the average. The values are not necessarily typical of any specific grade, especially less common values and those that can be most affected by additives or processing methods.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Overview-of-materials-for-Nylon-Barrier-Film-Copolymer.php

Physical Properties	Metric	English	Comments
Density	1.13 - 1.19 g/cc	0.0408 - 0.0430 lb/in ³	Average value: 1.16 g/cc Grade Count:9
Viscosity	200000 - 200000 cP	200000 - 200000 cP	Average value: 200000 cP Grade Count:1
	@Temperature 300 - 300 °C	@Temperature 572 - 572 °F	
	200000 - 200000 cP	200000 - 200000 cP	Average value: 200000 cP Grade Count:1
	@Shear Rate 100 - 100 1/s	@Shear Rate 100 - 100 1/s	

Thermal Properties	Metric	English	Comments
Melting Point	218 - 220 °C	424 - 428 °F	Average value: 219 °C Grade Count:6
Glass Transition Temp, Tg	125 - 127 °C	257 - 261 °F	Average value: 126 °C Grade Count:3

Processing Properties	Metric	English	Comments
Drying Temperature	80.0 °C	176 °F	Average value: 80.0 °C Grade Count:4

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