

UBE 5033B Air Blown Nylon 6/66 Film

Category : Polymer , Film , Thermoplastic , Nylon , Nylon 6/66 , Nylon 66/6, Unreinforced

Material Notes:

Specialties: Standard nylon 6/66Medium shrink, Low slipApplications: Best for Middle layer usageProcessing: Top web (Air blown)Thermoforming (T-die)Information provided by UBE.

Order this product through the following link:

http://www.lookpolymers.com/polymer_UBE-5033B-Air-Blown-Nylon-666-Film.php

Physical Properties	Metric	English	Comments
Relative Viscosity	3.99 - 4.17 cP	3.99 - 4.17 cP	96% H2SO4
	4.3 - 4.5 cP	4.3 - 4.5 cP	98% H2SO4

Mechanical Properties	Metric	English	Comments
Film Elongation at Break, MD	510 %	510 %	
Film Elongation at Break, TD	560 %	560 %	
Secant Modulus, MD	0.190 GPa	27.6 ksi	
Secant Modulus, TD	0.200 GPa	29.0 ksi	
Coefficient of Friction, Dynamic	0.51	0.51	
Coefficient of Friction, Static	0.94	0.94	
Film Tensile Strength at Break, MD	42.0 MPa	6090 psi	
Film Tensile Strength at Break, TD	43.0 MPa	6240 psi	

Thermal Properties	Metric	English	Comments
Melting Point	191 - 201 °C	376 - 394 °F	

Optical Properties	Metric	English	Comments
Haze	11.7 %	11.7 %	
Gloss	112 %	112 %	

Processing Properties	Metric	English	Comments
Processing Temperature	190 - 210 °C	374 - 410 °F	C1
	220 - 230 °C	428 - 446 °F	C2

Processing Properties	230 - 240 °C Metric	446 - 464 °F English	C3 Comments
	230 - 240 °C	446 - 464 °F	C4
	240 - 250 °C	464 - 482 °F	AD
	240 - 250 °C	464 - 482 °F	CF
	240 - 250 °C	464 - 482 °F	D1- D4

Descriptive Properties	Value	Comments
Degree of Curling	8 Mm	

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