

## UBE 1022FDX29 Nylon 6 Homopolymer Film

Category : Polymer , Film , Thermoplastic , Nylon , Nylon 6 , Nylon 6 , Film Grade

**Material Notes:**

Specialties: Nucleated (Medium viscosity) Processing: T-die, Air blown Applications: General applications Information provided by UBE.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_UBE-1022FDX29-Nylon-6-Homopolymer-Film.php](http://www.lookpolymers.com/polymer_UBE-1022FDX29-Nylon-6-Homopolymer-Film.php)

Physical Properties	Metric	English	Comments
Relative Viscosity	3.31 - 3.43 cP	3.31 - 3.43 cP	96% H2SO4
	3.53 - 3.67 cP	3.53 - 3.67 cP	98% H2SO4
Thickness	40.0 microns	1.57 mil	

Mechanical Properties	Metric	English	Comments
Film Elongation at Break, MD	440 %	440 %	
Secant Modulus, MD	0.470 GPa	68.2 ksi	
Coefficient of Friction, Dynamic	0.30	0.30	20 deg. C 55% RH
Coefficient of Friction, Static	0.46	0.46	( 20 deg. C 55% RH )
Film Tensile Strength at Break, MD	95.0 MPa	13800 psi	

Thermal Properties	Metric	English	Comments
Melting Point	215 - 225 °C	419 - 437 °F	

Optical Properties	Metric	English	Comments
Haze	3.2 %	3.2 %	
Gloss	135 %	135 %	

Processing Properties	Metric	English	Comments
Processing Temperature	200 - 220 °C	392 - 428 °F	C1
	210 - 230 °C	410 - 446 °F	C2
	230 - 240 °C	446 - 464 °F	C3
	240 - 250 °C	464 - 482 °F	C4
	250 - 260 °C	482 - 500 °F	AD

Processing Properties	250 - 260 °C Metric	482 - 500 °F English	CF Comments
	250 - 260 °C	482 - 500 °F	D1 - D4
Roll Temperature	80.0 °C	176 °F	Chill Roll Temperature

## Contact Songhan Plastic Technology Co.,Ltd.

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