

## UBE 1022FDX23 Nylon 6 Homopolymer Film

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

### Material Notes:

Specialties: High slip type Processing: Water cooling process Typical applications: small pouch & general Information provided by UBE.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_UBE-1022FDX23-Nylon-6-Homopolymer-Film.php](http://www.lookpolymers.com/polymer_UBE-1022FDX23-Nylon-6-Homopolymer-Film.php)

Physical Properties	Metric	English	Comments
Relative Viscosity	3.28 - 3.4 cP	3.28 - 3.4 cP	96% H2SO4
	3.49 - 3.63 cP	3.49 - 3.63 cP	98% H2SO4
Thickness	55.0 - 59.0 microns	2.17 - 2.32 mil	

Mechanical Properties	Metric	English	Comments
Film Elongation at Break, MD	460 %	460 %	
Film Elongation at Break, TD	480 %	480 %	
Secant Modulus, MD	0.285 GPa	41.3 ksi	
Secant Modulus, TD	0.285 GPa	41.3 ksi	
Coefficient of Friction, Dynamic	0.48	0.48	20 deg. C 55% RH
Coefficient of Friction, Static	0.55	0.55	( 20 deg. C 55% RH )
Film Tensile Strength at Break, MD	32.0 MPa	4640 psi	
Film Tensile Strength at Break, TD	29.0 MPa	4210 psi	

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

Optical Properties	Metric	English	Comments
Haze	4.2 %	4.2 %	
Gloss	136 %	136 %	

Processing Properties	Metric	English	Comments
Processing Temperature	200 - 220 °C	392 - 428 °F	C1
	210 - 230 °C	410 - 446 °F	C2

Processing Properties	230 - 240 °C Metric	446 - 464 °F English	C3 Comments
	240 - 250 °C	464 - 482 °F	C4
	250 - 260 °C	482 - 500 °F	AD
	250 - 260 °C	482 - 500 °F	CF
	250 - 260 °C	482 - 500 °F	D1- D4

Descriptive Properties	Value	Comments
Layer Structure	PA / Ad / PE :20 / 10 / 30 (um)	

## Contact Songhan Plastic Technology Co.,Ltd.

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