

Unilex™ UP 8002F

Polypropylene Homopolymer

United Polychem

Message:

Unilex™ UP 8002F is a Polypropylene Homopolymer (PP Homopolymer) material. It is available in North America. Primary attribute of Unilex™ UP 8002F: Food Contact Acceptable.
Typical applications include:
Food Contact Applications
Film

General Information			
Features	Food Contact Acceptable		
Uses	Bi-axially Oriented Film		
Agency Ratings	FDA 21 CFR 177.1520(c) 3.1a		
	FDA 21 CFR 177.1520(c) 3.2a		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.900	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (224°C/2.16 kg)	1.6	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Coefficient of Friction	0.90		ASTM D1894
Films	Nominal Value	Unit	Test Method
Secant Modulus ¹			ASTM D882
1% Secant, MD	840	MPa	
1% Secant, TD	807	MPa	
Tensile Strength ²			ASTM D882
MD : Break	86.0	MPa	
TD : Break	53.0	MPa	
Tensile Elongation ³			ASTM D882
MD : Break	650	%	
TD : Break	670	%	
Optical	Nominal Value	Unit	Test Method
Gloss	83		ASTM D2457
Haze	1.7	%	ASTM D1003
NOTE			
1.	13 mm/min		
2.	510 mm/min		
3.	510 mm/min		

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Recommended distributors for this material

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