

Nylene® 826

Polyamide 6
Custom Resins Group

Message:

Nylon 6 based copolymer suitable for both blown and cast film coextrusion
Lower melting point and is less crystalline than nylon 6
Excellent toughness, chemical resistance, transparency, and low oxygen permeability
Films made using Nylene 826 exhibit superior deep draw characteristics
Because Nylene 826 is polymerized using a continuous process, it has good lot-to-lot consistency.

General Information			
Features	Copolymer		
	Good Chemical Resistance		
	Good Toughness		
Uses	Cast Film		
	Film		
Processing Method	Blown Film		
	Cast Film		
	Coextrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.11	g/cm ³	ASTM D792
Relative Viscosity	75		ASTM D789
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	335	MPa	ASTM D638
Tensile Strength			ASTM D638
Yield, 23°C	25.0	MPa	
Break, 23°C	58.0	MPa	
Ultimate, 23°C	55.0	MPa	
Tensile Elongation (Break, 23°C)	340	%	ASTM D638
Films	Nominal Value	Unit	Test Method
Oxygen Permeability (24°C)	1.5	cm ³ ·mm/m ² /atm/24 hr	ASTM D3985
Thermal	Nominal Value	Unit	Test Method
Peak Melting Temperature	195	°C	ASTM D789
Extrusion	Nominal Value	Unit	
Melt Temperature	227 to 260	°C	
Die Temperature	227 to 260	°C	

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Recommended distributors for this material

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