

Nylene® NX4555

Polyamide 6
Custom Resins Group

Message:

Nucleated extrusion grade suitable for cast and blown film
Excellent melt stability and good melt strength, plus faster set-up for increased line speeds
Superior grease resistance, toughness, resistance to abrasion, and does not absorb food odors

General Information			
Additive	Nucleating Agent		
Features	Good Abrasion Resistance		
	Good Melt Strength		
	Good Toughness		
	Grease Resistant		
	High Melt Stability		
	Low Odor Transfer		
	Nucleated		
Uses	Cast Film		
	Film		
Agency Ratings	FDA Unspecified Rating		
	NSF Unspecified Rating		
Processing Method	Blown Film		
	Cast Film		
	Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.13	g/cm ³	ASTM D792
Viscosity	130		
Elmendorf Tear Strength (23°C)	21.6	kN/m	ASTM D1922
Films	Nominal Value	Unit	Test Method
Secant Modulus - MD	652	MPa	ASTM D882
Tensile Strength - MD			ASTM D882
Yield	37.9	MPa	
Break	60.0	MPa	
Tensile Elongation - MD (Yield)	290	%	ASTM D882
Thermal	Nominal Value	Unit	Test Method
Peak Melting Temperature	216	°C	ASTM D3418

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Recommended distributors for this material

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