

# Nylene® 615SA

Polyamide 6  
Custom Resins Group

Message:

Kosher, extrusion grade nylon 6 resin suitable for film co-extrusion applications and blown film  
Excellent melt stability and good melt strength  
Superior grease resistance, toughness, resistance to abrasion, and does not absorb food odors  
Meets the requirements of FDA regulation 21 CFR 177.1500 for direct food contact

General Information	
Features	Food Contact Acceptable
	Good Abrasion Resistance
	Good Toughness
	Grease Resistant
	Kosher Approved
	Low Odor Transfer
Agency Ratings	FDA 21 CFR 177.1500
	NSF Unspecified Rating
Processing Method	Blown Film
	Coextrusion
	Extrusion
	Film Extrusion

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.12	g/cm³	ASTM D792
Films	Nominal Value	Unit	Test Method
Secant Modulus - MD	652	MPa	ASTM D882
Tensile Strength - MD			ASTM D882
Yield	37.8	MPa	
Break	59.6	MPa	
Tensile Elongation - MD (Yield)	290	%	ASTM D882
Elmendorf Tear Strength (23°C)	21.6	kN/m	ASTM D1922
Thermal	Nominal Value	Unit	Test Method
Peak Melting Temperature	216	°C	ASTM D3418

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