

# Nylene® NX4702

Polyamide 6

Custom Resins Group

## Message:

Nylene NX4702 is an anti-static, extrusion grade nylon 6 resin suitable for blown or cast film applications. It has excellent melt flow, melt strength properties, and optical clarity. Nylene NX4702 has superior grease resistance, toughness, resistance to abrasion, and does not absorb food odors. Optimum processing conditions should provide a melt temperature of 525 - 540°F at the die.

General Information	
Additive	Antistatic
Features	Antistatic
	Good Abrasion Resistance
	Good Chemical Resistance
	Good Melt Strength
	Good Toughness
	High Clarity
	High Flow
Forms	Pellets
Processing Method	Blown Film
	Cast Film
	Extrusion

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.12	g/cm <sup>3</sup>	ASTM D792
Films	Nominal Value	Unit	Test Method
Secant Modulus - 1% Secant, TD	652	MPa	ASTM D882
Tensile Strength - TD (Break)	59.6	MPa	ASTM D882
Tensile Elongation - TD (Break)	290	%	ASTM D882
Extrusion	Nominal Value	Unit	
Die Temperature	274 to 282	°C	

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## Recommended distributors for this material

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