

# Nylene® 2409 HSSP BK

Polyamide 6

Custom Resins Group

## Message:

High viscosity nylon copolymer with enhanced impact and high flexibility

Optimized with good melt strength for high line speeds in thin wall sections

2409 HSSP BK is one of a family of grades specifically designed for the convoluted tubing industry, but can also be used for other extrusions and some molded parts.

General Information	
Features	Copolymer Good Flexibility Good Impact Resistance Good Melt Strength High Viscosity
Uses	Tubing
Processing Method	Extrusion Injection Molding

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.07	g/cm <sup>3</sup>	ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (23°C)	45.0	MPa	ASTM D638
Tensile Elongation (Break, 23°C)	130	%	ASTM D638
Flexural Modulus (23°C)	1190	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	140	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	144	°C	ASTM D648
Peak Melting Temperature	218	°C	ASTM D3418

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## Recommended distributors for this material

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