

Nylene® NX1170

Polyamide 6
Custom Resins Group

Message:

Nylene NX1170 is a high viscosity, extrusion grade resin containing 5% molybdenum disulfide for improved wear resistance. The abrasion resistance of nylon 6 is enhanced by the addition of molysulfide. Because of its high melt viscosity, NX1170 can be extruded into rods, tubing, thin films, many complex shapes.

General Information			
Additive	Heat Stabilizer		
	Molybdenum Disulfide Lubricant (5%)		
Features	Good Abrasion Resistance		
	Good Mold Release		
	Good Thermal Stability		
	Heat Stabilized		
	High Heat Resistance		
	High Viscosity		
	Homopolymer		
	Lubricated		
Uses	Film		
	Rods		
	Tubing		
Forms	Pellets		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.31	g/cm ³	ASTM D792
Water Absorption (24 hr)	1.7	%	ASTM D570
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (23°C)	75.8	MPa	ASTM D638
Tensile Elongation (Break, 23°C)	20	%	ASTM D638
Extrusion	Nominal Value	Unit	
Die Temperature	254 to 277	°C	

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