

Nylene® 400

Polyamide 6

Custom Resins Group

Message:

Specially polymerized nylon 6 resin possessing high clarity and very low viscosity

Designed specifically for use in manufacturing concentrates and other compounding uses

The low viscosity of Nylene 400 aids in dispersion and mixing of concentrates and pigments, and can be used as a carrier for both type 6 and type 6/6 nylons

General Information			
Features	High Clarity		
	Low Viscosity		
Uses	Compounding		
Processing Method	Compounding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.14	g/cm ³	ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (23°C)	79.3	MPa	ASTM D638
Tensile Elongation (Break, 23°C)	40	%	ASTM D638
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	43	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed	182	°C	
1.8 MPa, Unannealed	67.8	°C	

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