

KPOL-NYLON K-NY6/40CF

Polyamide 66/6 Copolymer

KPOL Chem Co.

Message:

Standard Polyamide 6 / 6.6 Copolymer

Characteristics

KPOL® NY6/40CF is a copolymer of Nylon 6 high viscosity, which has excellent characteristics for extruded films, co-extruded multilayer packaging. The chemical combination of monomers, confers a greater ability to orient the film, with optimization and high degree of luster, transparency, gas barrier and high tear resistance.

Applications

The grade is suitable for a wide field of film and extrusion applications. This material has following features: Outstanding processability, Good mechanical properties, Good transparency and Good puncture resistance.

General Information			
Features	Copolymer		
	Gas Barrier		
	Good Processability		
	Good Tear Strength		
	High Viscosity		
	Puncture Resistant		
Uses	Film		
	Packaging		
Appearance	Clear/Transparent		
Processing Method	Extrusion		
	Film Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.12	g/cm ³	ASTM D792
Relative Viscosity - SAV @ 96% Sulfuric Acid			
--	4.00		ISO 307
--	4.00		ASTM D789
Films	Nominal Value	Unit	Test Method
Oxygen Transmission Rate (23°C, 0% RH)	25	cm ³ /m ² /24 hr	ASTM D3985
Water Vapor Transmission Rate (40°C, 90% RH)	140	g/m ² /24 hr	ISO 15106-3
Thermal	Nominal Value	Unit	Test Method
Melting Temperature	202	°C	ASTM D2117
Optical	Nominal Value	Unit	Test Method
Gardner Gloss	70		ASTM D523
Haze	24	%	ASTM D1003

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Recommended distributors for this material

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