

KPOL-NYLON K-NY66/21R

Polyamide 66

KPOL Chem Co.

Message:

Standard Polyamide 6.6

Characteristics

General purpose Nylon 6.6 resin available in natural color. It is designed principally for injection molding fabrication and production of engineering plastics.

General purpose, resin suitable for compounding and extrusion applications where ease of processing.

Applications

KPOL® 66/21R has been used in many molding applications such as terminal blocks, bearings, bushings, cams, electrical connectors and housings, electrical cable ties/tie straps and many other hardware and general industrial parts.

General Information

Additive	Nucleating Agent
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Features	General Purpose
	Good Processability
	Nucleated

Uses	Bearings
	Bushings
	Cams
	Connectors
	Electrical/Electronic Applications
	Housings
	Industrial Parts

Appearance	Natural Color
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Processing Method	Compounding
	Extrusion
	Injection Molding

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.14	g/cm ³	ASTM D792
Molding Shrinkage - Flow	1.7	%	ASTM D955
Water Absorption (Equilibrium)	1.3	%	ASTM D570
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	83.0	MPa	ASTM D638
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	5.5	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Melting Temperature	265	°C	ASTM D2117

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