

KPOL-NYLON K-NY66/21V

Polyamide 66
KPOL Chem Co.

Message:

Standard Polyamide 66

Applications

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

Characteristics

General purpose Nylon 6.6 resin available in natural color. It is designed principally for injection molding fabrication.

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

General Information	
Additive	Nucleating Agent
Features	Nucleated
Uses	Bearings
	Bushings
	Cams
	Connectors
	Electrical Housing
	General Purpose
Appearance	Natural Color
Forms	Pellets
Processing Method	Compounding
	Extrusion
	Injection Molding

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.14	g/cm³	ASTM D792
Molding Shrinkage - Flow (23°C)	1.7	%	ASTM D955
Water Absorption (Equilibrium)	1.2	%	ASTM D570
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield, 23°C)	83.0	MPa	ASTM D638
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	6.0	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Peak Melting Temperature	260	°C	ASTM D2117

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