

KPOL-NYLON K-NY66/21VC

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.

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

Applications

KPOL® 66/21VC 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.

General Information	
Additive	Nucleating Agent
Features	General Purpose
	Good Processability
	Nucleated
Uses	Bearings
	Bushings
	Cams
	Connectors
	Electrical/Electronic Applications
	Housings
	Industrial Parts
Appearance	Natural Color
Processing Method	Compounding
	Extrusion
	Injection Molding

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.14	g/cm ³	ASTM D792
Molding Shrinkage - Flow	1.5	%	ASTM D955
Water Absorption (Equilibrium)	1.4	%	ASTM D570
Relative Viscosity - 96% Sulfuric Acid	2.75		ISO 307
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	255	°C	ASTM D2117

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