

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, 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	1.7	%	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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