

# Nylux 6PCAG30

Polyamide 6

KMI Group, Inc.

## Message:

Product Type: Economy Utility Grade

Composition: Recycled Nylon 6 with Glass Fiber

General Information			
Filler / Reinforcement	Glass fiber reinforced material, 30% filler by weight		
Recycled Content	Yes		
Appearance	Black		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.37	g/cm <sup>3</sup>	ASTM D792
Molding Shrinkage - Flow	0.20 - 5.0	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	10300	MPa	ASTM D638
Tensile Elongation (Yield)	1.5 - 3.0	%	ASTM D638
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	64	J/m	ASTM D256
Flammability	Nominal Value		Test Method
Flame Rating (1.6 mm)	HB		UL 94
Injection	Nominal Value	Unit	
Drying Temperature	82	°C	
Drying Time	2.0	hr	
Suggested Max Regrind	20	%	
Processing (Melt) Temp	243 - 279	°C	
Mold Temperature	54 - 93	°C	
Back Pressure	0.345	MPa	

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## Recommended distributors for this material

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