

KPOL-NYLON K-NY6/27WF

Polyamide 6
KPOL Chem Co.

Message:

Standard Polyamide 6
Characteristics
Exhibit excellent melt flow properties for filling thin sections and reduced cycle times. Resin is internally and externally lubricated for improved machine feed and exceptional mold release. It exhibits good set of mechanical properties, strength, stiffness, and toughness as well as excellent heat, chemical and abrasion resistance.
Applications
General purpose, Injection Molding and Extrusion/Molding Applications.

General Information			
Additive	Lubricant		
	Nucleating Agent		
Features	General Purpose		
	Good Abrasion Resistance		
	Good Chemical Resistance		
	Good Flow		
	Good Mold Release		
	Good Strength		
	Good Toughness		
	High Heat Resistance		
	High Stiffness		
	Lubricated		
	Nucleated		
Uses	General Purpose		
Processing Method	Extrusion		
	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.14	g/cm ³	ASTM D792
Water Absorption (Equilibrium)	1.3	%	ASTM D570
Relative Viscosity - SAV @ 98% Sulfuric Acid	2.80		ASTM D789
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	78.0	MPa	ASTM D638
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	56	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

