KOPA® KN136 Data Sheet

Polyamide 6

Supplied by Kolon Plastics, Inc.

General

Material Status
- Commercial: Active

Availability
- Asia Pacific
- North America
- Europe
- South America

Additive
- Lubricant

Features
- Fast Molding Cycle
- Medium Viscosity

Forms
- Pellets

Physical	Nominal Value	Unit	Test Method
Specific Gravity			ASTM D792
Molding Shrinkage - Flow		in/in	ASTM D955
Water Absorption (Equilibrium, 73°F, 60% RH)		%	ASTM D570
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield, 73°F)		psi	ASTM D638
Tensile Elongation (Yield, 73°F)		%	ASTM D638
Flexural Modulus (73°F)		psi	ASTM D790
Flexural Strength (73°F)		psi	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (73°F)		ft·lb/in	ASTM D256
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)			ASTM D785
Thermal	Nominal Value	Unit	Test Method

Deflection Temperature Under Load			ASTM D648
66 psi, Unannealed		°F	
264 psi, Unannealed		°F	
Melting Temperature		°F	
CLTE - Flow		in/in/°F	ASTM D696
Electrical	Nominal Value	Unit	Test Method
Dielectric Strength		V/mil	ASTM D149
Dielectric Constant (1 MHz)			ASTM D150
Arc Resistance		sec	ASTM D495
Flammability	Nominal Value	Unit	Test Method
Flame Rating			UL 94

Related Terminology

Product names can be difficult to match. You may have searched any one of these terms to find this product: KOPA® KN136, KOPA KN136, KOPA® , KOPA, KOPAKN136, KN 136, KN136, Polyamide 6, Nylon 6, Polyamide, Nylon, pa6, Kolon, Polyamide6, Nylon6, 136KN

Generic Name

Generic Name may also be described by the following terms: PA6.

Features

Features may also be described by the following terms: Fast Cycle, Rapid Cycle, Productivity, Fast Molding Cycle, Medium Viscosity.

Notes

[1]Typical properties: these are not to be construed as specifications.