

KMI PP KM-003UH

Polypropylene Homopolymer

KMI Group, Inc.

Message:

KM-003UH is a new class of high crystallinity homo polypropylene with extremely high stiffness and excellent heat resistance. It is designed for the productions of BOPP film.

Characteristics:

Superior mechanical properties

Excellent thermal stability

High Melting Temperature of BOPP Film

General Information			
Features	Rigidity, high		
	High crystallization		
	Homopolymer		
	Heat resistance, high		
	Thermal stability, good		
Uses	Bi-axially Oriented Film		
Processing Method	Bi-axially Oriented Film		
Physical	Nominal Value	Unit	Test Method
Density	0.910	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	3.0	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	100		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	41.2	MPa	ASTM D638
Tensile Elongation (Break)	400	%	ASTM D638
Flexural Modulus	1960	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Unnotched Izod Impact (23°C)	29	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Heat Distortion	117	°C	ASTM D648

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