

# KMI PP KM-004FH

Polypropylene Homopolymer

KMI Group, Inc.

Message:

KM-004FH is a homo polypropylene for casting film. KM-004FH show good slipperiness and high transparency.

Food Contact Application:

KM-004FH meets the FDA requirements in the Code of Federal Regulations in CFR 177.1520 for food contact.

Characteristics:

Good Slipperiness

High transparency

General Information			
Features	Homopolymer		
	Definition, high		
	Compliance of Food Exposure		
Uses	cast film		
Agency Ratings	FDA 21 CFR 177.1520		
Appearance	Clear/transparent		
Processing Method	cast film		
Physical	Nominal Value	Unit	Test Method
Density	0.910	g/cm³	ASTM D1505
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	8.0	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)	37.3	MPa	ASTM D638
Tensile Elongation (Break)	400	%	ASTM D638
Flexural Modulus	1570	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	110	°C	ASTM D648

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Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: [sales@su-jiao.com](mailto:sales@su-jiao.com)

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

