

# KMI PP KM-013BB

Polypropylene Impact Copolymer

KMI Group, Inc.

## Message:

KM-013BB is a propylene-ethylene block copolymer designed for sheet applications. Clear & soft characteristics of KM-013BB lead excellent impact strength/transparency balance.

Food Contact Application:

KM-013BB meets the FDA requirements in the Code of Federal Regulations in CFR 177.1520 for food contact.

Characteristics:

High Impact Strength

Low fish-eye level

General Information			
Features	Block Copolymer Impact resistance, high Definition, high Soft Compliance of Food Exposure		
Uses	Sheet		
Agency Ratings	FDA 21 CFR 177.1520		
Appearance	Clear/transparent		
Processing Method	Sheet extrusion molding		
Physical	Nominal Value	Unit	Test Method
Density	0.910	g/cm <sup>3</sup>	ASTM D1505
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	5.0	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	63		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	27.0	MPa	ASTM D638
Tensile Elongation (Break)	> 600	%	ASTM D638
Flexural Modulus	981	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Unnotched Izod Impact (23°C)	150	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Heat Distortion	103	°C	ASTM D648
Optical	Nominal Value	Unit	Test Method
Haze	30	%	ASTM D1003

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