

# Ecomax 2000

Thermoplastic Elastomer

KMI Group, Inc.

## Message:

Ecomax 2000 is a Thermoplastic Elastomer designed and manufactured for sports infill applications.

General Information			
Uses	Sporting goods		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.900	g/cm <sup>3</sup>	ASTM D792
Melt Mass-Flow Rate (MFR) (300°C/1.2 kg)	13	g/10 min	ASTM D1238
Melt Volume-Flow Rate (MVR) (300°C/1.2 kg)	9.00	cm <sup>3</sup> /10min	ASTM D1238
Molding Shrinkage - Flow	18	%	ASTM D955
Ash Content	38	%	ASTM D5630
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	90		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
Yield	3.74	MPa	ASTM D638
Fracture	5.14	MPa	ASTM D638
Tensile Elongation			ASTM D638
Yield	29	%	ASTM D638
Fracture	360	%	ASTM D638
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	260	J/m	ASTM D256

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## Recommended distributors for this material

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