

# PrimoTuff 4000E

Thermoplastic Polyolefin Elastomer

KMI Group Inc.

## Message:

Thermoplastic Polyolefins are rigid products with exceptional dimensional stability and good balance of impact and toughness. PureTuff is offered in a wide range of melt flows (MFR 0.5 to 100) suitable for profile extrusion, sheet extrusion and molding applications.

Exceptional cold temperature impact. Depending on product rigidity, some products are ductile to as low as -30°C.

Excellent dimensional stability

Outstanding rigidity

Fully Weatherable

Recyclable

PPI will customize to adjust for mold shrink required by the customer

Full range of colors

## General Information

Features	Good Dimensional Stability Good Impact Resistance Good Toughness Good Weather Resistance High Rigidity Low Temperature Impact Resistance Recyclable Material
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Processing Method	Injection Molding Profile Extrusion Sheet Extrusion
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Physical	Nominal Value	Unit
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Density	1.08	g/cm <sup>3</sup>
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Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	0.90	g/10 min
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Mechanical	Nominal Value	Unit
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Tensile Strength (Yield)	30.0	MPa
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Flexural Modulus	2600	MPa
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Impact	Nominal Value	Unit
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Notched Izod Impact Strength		
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23°C	25	kJ/m <sup>2</sup>
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30°C, Complete Break	4.5	kJ/m <sup>2</sup>
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Thermal	Nominal Value	Unit
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Heat Deflection Temperature (0.45 MPa, Unannealed)	110	°C
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CLTE - Flow	5.0E-5	cm/cm/°C
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Additional Information	Nominal Value	Unit
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AMMS	1.2	%
Ductility	-20	°C

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Recommended distributors for this material

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