

# KAMA 3200 PRIME HIGH IMPACT POLYSTYRENE

## CAPABILITIES

- Gauge: .007" to .060" (178 to 1524 $\mu$ m)
- Width: 12" to 62" (304 to 1575mm)
- Core Size: 6" standard cores, 3" and 8" available
- Roll O.D.: 29" standard, available up to 40"
- Silicone coating available
- Graphic arts available
- Corona treatment available
- Medical grade available
- 5 strategic manufacturing locations

## PROPERTIES

- Good impact resistance
- Forms easily
- Great economics
- Medical grade
- FDA compliant to CFR 21#177.1640
- Kosher material

## TECHNICAL SPECIFICATIONS

	Value	Units	ASTM
Specific Gravity	1.05	grams/cm <sup>3</sup>	
Shrinkage	0.5	%	D955
Yield	26,360	in <sup>2</sup> /lb/Mil of thickness	
Notched Izod	2.0 to 2.4	ft-lb/in	D265
Tensile Strength at Yield	2,200 to 4,500	psi	D638
Ultimate Elongation	30 to 70	%	D638
Flexural Modulus	200,000 to 400,000	psi	D790
Typical Thermoforming Temperature	260 to 330 (127 to 166)	°F (°C)	
Typical Range of Use	-10 to 165 (-23 to 77)	°F (°C)	

## CHEMICAL RESISTANCE

- Acid Resistance.....Good to Excellent
- Strong Oxidizers.....Poor
- Alkalies .....Excellent
- Hydrocarbon Solvents.....Poor
- Alcohols.....Good to Excellent
- Fat, Grease, and Oil .....Good

## CAPABILITIES AND TECHNICAL SPECIFICATION

The capabilities we list reflect the standard capabilities we offer at the time of this printing. Our capabilities are likely to broaden as we add capacity and expand our product offering. Please call our Sales Team to further discuss your specific needs.

The data herein represents typical values by the methods indicated and should be so considered. Processing variables are a major factor in product performance, this information should serve only as a guide. To the best of our knowledge the data is correct. No warrant is made or implied. The corporation assumes no obligation or liability for the use of data presented.



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