

KAMA 3210 HI-GLOSS COEXTRUDED HIGH IMPACT POLYSTYRENE

CAPABILITIES

- Gauge: .007" to .060" (178 to 1524 μ 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
- Medical grade available
- Graphic arts available
- 5 strategic manufacturing locations

PROPERTIES

- Forms easily
- High gloss cap layer
- FDA material
- Kosher material

TECHNICAL SPECIFICATIONS

	Value	Units	ASTM
Specific Gravity	1.05	grams/cm ³	
Shrinkage	0.4 to 0.6	%	D955
Yield	26,360	in ² /lb/Mil of thickness	
Tensile Strength at Yield	2,000 to 5,000	psi	D638
Ultimate Elongation	20 to 60	%	D638
Flexural Modulus	200,000 - 400,000	psi	D790
Gloss	\geq 80	gloss @ 60°	D523
Typical Thermoforming Temperature	260 to 330 (127 to 166)	°F (°C)	
Typical Range of Use	10 to 165 (-12 to 77)	°F (°C)	

CHEMICAL RESISTANCE

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

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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