TOTAL Polystyrene Impact 844E

High Impact Polystyrene

TOTAL Refining & Chemicals

Message:

POLYSTYRENE 844E is a high impact polystyrene specially designed for the custom sheet market. This polymer produces tough, ductile sheet with a rich matte finish. 844E is specially formulated to minimize die buildup. This material is especially suitable for printing and thermoforming applications.

FDA 21 CFR 177.1640 UL File Number E55470 Forms Particle Processing Method Sheet extrusion molding Thermoforming Physical Nominal Value Unit Test Method Melt Mass-Flow Rate (MFR) (200°C/5.0 kg) 3.0 g/10 min ASTM D1238 Mechanical Nominal Value Unit Test Method Tensile Modulus 1930 MPa ASTM D638 Tensile Strength 22.1 MPa ASTM D638 Tensile Elongation (Break) 1930 MPa ASTM D638 Tensile Elongation (Break) 1930 MPa ASTM D638	General Information			
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UL File Number	Agency Ratings	EC 1907/2006 (REACH)		
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FlammabilityNominal ValueTest MethodFlame RatingHBUL 94OpticalNominal ValueTest MethodGardner Gloss (60°)63ASTM D523	Thermal	Nominal Value	Unit	Test Method
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Optical Nominal Value Test Method Gardner Gloss (60°) 63 ASTM D523	Flammability	Nominal Value		Test Method
Gardner Gloss (60°) 63 ASTM D523	Flame Rating	НВ		UL 94
	Optical	Nominal Value		Test Method
Additional Information	Gardner Gloss (60°)	63		ASTM D523
	Additional Information			

Heat Distortion, ASTM D648, Annealed: 199°F

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