

Polycasa HIPS

Category : Polymer , Thermoplastic , Polystyrene (PS) , Polystyrene, Impact Modified

Material Notes:

QUINN HIPS is a rubber modified polystyrene sheet that has improved impact strength and is easy to mould and cut to size. The product is available with either a matt finish on both sides or a matt finish on one side, and glossy surface on the other. It has superior surface quality, excellent low temperature impact performance. It is suitable for thermoforming, it has a smooth surface with a choice of finish, and is available in matt or glossy. Excellent for printing, and it has electrical insulation properties. Food contact approved. Meets Fire safety standard - UL standard 94HB Refrigerator liners Sanitary ware Bath panels Shower wall panels Vacuum formed parts Screen Printing substrate Point of sale display units Mobile home and caravan fittings Quinn Manufacturing Group rebranded its Plastics Division as Polycasa in 2013.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Polycasa-HIPS.php

Physical Properties	Metric	English	Comments
Density	1.05 g/cc	0.0379 lb/in ³	Matt/Matt; ISO 1183
	1.05 g/cc	0.0379 lb/in ³	Glossy/Matt; ISO 1183

Mechanical Properties	Metric	English	Comments
Charpy Impact, Notched	0.600 J/cm ²	2.86 ft-lb/in ²	Glossy/Matt, glossy side impacted; ISO 179-1/1fa
	0.900 J/cm ²	4.28 ft-lb/in ²	Glossy/Matt, Matt side impacted; ISO 179-1/1fa
	1.00 J/cm ²	4.76 ft-lb/in ²	Matt/Matt, Matt side impacted; ISO 179-1/fa

Thermal Properties	Metric	English	Comments
Flammability, UL94	HB	HB	

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