



RAMOLENE™ RESIN

HIP 3.0 (Thermoforming and Customs Sheets)

High Impact Polystyrene (HIPS)

TYPICAL APPLICATIONS:

Thermoforming and Customs Sheets.

PRODUCT DESCRIPTION:

RAMOLENE™ HIP 3.0 is a high impact polystyrene designed for the custom sheet market. It produces tough, ductile sheet with a rich matte finish. This low gloss resin is an excellent choice for printing and thermoforming application. The impact and tensile properties are preferred in deep draw and thermoforming applications

This material complies with FDA requirements as described in 21 CFR §177.1640.

TECHNICAL DATA SHEET

PROPERTY	VALUE	ASTM
Melt Index	3.0 g/10 min	D-1238
Vicat Softening	212 °F	D-1525
HDT (Annealed)	199 °F	D-648
Tensile Strength	3200 PSI	D-638
Elongation	55%	D-638
Flexural Strength	6200 PSI	D-790
Flexural Modulus	2.8 PSI	D-790
Izod Impact Notched	2.4 (ft-lbs/in)	D-256
Gloss	60°	D-523
Linear Shrinkage	0.004-.008 (in/in)	D-955
Density	1.04 cm ³	

All tests were run under laboratory conditions, ASTM (where applicable) testing procedures. The data are intended as a general guide only and do not necessarily represent results that may be obtained elsewhere. The use of Ramtech's products must be guided by the user's own methods for selection of proper formulation. RAMTECH OVERSEAS, INC. disclaims any responsibility for misuse or misapplication of its products. Ramtech makes no warranty of merchantability and there is no warranty that goods supplied shall be fit for any particular purpose.