



RAMOLENE™ RESIN

HIP 4.5 (Cups and Plates)

High Impact Polystyrene (HIPS)

TYPICAL APPLICATIONS:

Thermoformed food and non-food packaging, extruded profile, plates, dishes, disposable cups and deep drawn thermoformed containers. Also suitable for audio/visual cabinets, business machines and toys.

Processing: Molding, Extrusion and Forming.

PROPERTY	VALUE	ASTM
Melt Index	4.5 g/10 min	D-1238
Vicat Softening	102°C	D-1525
HDT (Unannealed)	82°C	D-648
Tensile Strength	28 MPa	D-638
Elongation	50%	D-638
Flexural Strength	44 MPa	D-790
Flexural Modulus	1900 MPa	D-790
Izod Impact Notched	4 (ft-lbs/in)	D-256

RAMOLENE™ HIP 4.5 can, in principle, be used in food contact applications in the USA (FDA) and in Canada (HBP). Migration or use limitations may apply.

TECHNICAL DATA SHEET

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.