

HIPS1302

Melt Index 13

Izod 2.1

Material Properties

Properties	Test Method	Unit	Typical Value
Melt Flow, 200/5.0	D 1238	gm/10 min	13.0
Falling Dart	D 3029	in-lb	125
Izod, Notched	D 256	ft-lbs/in	2.1
Tensile Strength @ Yield	D 638	psi	3,200
Tensile Modulus (10 ⁵)	D 638	psi	3.2
Tensile Elongation	D 638	%	45
Flexural Strength	D 790	psi	5,700
Flexural Modulus (10 ⁵)	D 790	psi	3
Heat Distortion, Annealed	D 648	°F	184
Vicat Softening	D1525	°F	197
Gloss, 60°	D 523		92

- HIPS1302 complies with FDA requirements as amended in regulation 21 CFR § 177.1640.
- Material Safety Data Sheets are available to help customers satisfy their safety needs.

- HIPS1302 is a high melt flow, high impact polystyrene specially designed for hard to fill injection molding applications.
- The material is targeted for large parts, thin wall parts or molds with complex runner and gate systems.
- The high flow of HIPS1302 aids in the production of stress free parts.