

HIPS0802

Melt Index 8.0

Izod 2.0

Material Properties

Properties	Test Method	Unit	Typical Value
Melt Flow, 200/5.0	D 1238	gm/10 min	8.0
Falling Dart	D 3029	in-lb	125
Izod, Notched	D 256	ft-lbs/in	2.0
Tensile Strength @ Yield	D 638	psi	3,600
Tensile Modulus (10 ⁵)	D 638	psi	3.3
Tensile Elongation	D 638	%	50
Flexural Strength	D 790	psi	6,700
Flexural Modulus (10 ⁵)	D 790	psi	3.4
Heat Distortion, Annealed	D 648	°F	196
Vicat Softening	D1525	°F	205
Gloss, 60°	D 523		88

- 1 HIPS0802 complies with FDA requirements as amended in regulation 21 CFR § 177.1640.
 2 Material Safety Data Sheets are available to help customers satisfy their safety needs.

- HIPS0802 is a high impact polystyrene for injection molding.
- The polymer's ability to be molded on fast cycles with minimal stresses results in outstanding impact retention.
- Applications such as appliance housings, housewares, toys and structural foam require this polymer to produce consistent parts.