



StarPlas HIPS 8200

High Impact Polystyrene (HIPS)
High Flow Injection Molding Grade

<u>Melt Flow</u>	<u>ASTM Test</u>	<u>Typical Value</u>
Flow, gm/10 min., 200/5.0	D-1238	8.0

<u>Impact Properties</u>	<u>ASTM Test</u>	<u>Typical Value</u>
Izod, ft-lbs/in, notched	D-256	2.0
Falling Dart	D-3029	125

<u>Tensile Properties</u>	<u>ASTM Test</u>	<u>Typical Value</u>
Strength, psi	D-638	3,600
Elongation, %	D-638	45

<u>Flexural Properties</u>	<u>ASTM Test</u>	<u>Typical Value</u>
Modulus, psi	D-790	340,000

<u>Thermal Properties</u>	<u>ASTM Test</u>	<u>Typical Value</u>
Heat Distortion, F Annealed	D-648	195

StarPlas HIPS 8200 is a high impact and high flow polystyrene grade for fast cycle injection molding. The high melt index of this material makes it easy to fill thin parts. HIPS 8200 is utilized in products such as appliances, construction, housewares, and toys.

Please contact us with any additional questions you may have regarding this material. (940) 381-2000

Other Information

This material will comply with FDA requirements as described in 21 CFR 177.1640.

The above values are intended as a general guide and do not represent results that may be obtained elsewhere. Lone Star Chemical makes no warranty of merchantability and there is no warranty that goods supplied shall be fit for any particular purpose.

