



## StarPlas HIPS 1320

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	13.0

<u>Impact Properties</u>	<u>ASTM Test</u>	<u>Typical Value</u>
Izod, ft-lbs/in, notched	D-256	2.1
Falling Dart	D-3029	120

<u>Tensile Properties</u>	<u>ASTM Test</u>	<u>Typical Value</u>
Strength, psi	D-638	3,300
Elongation, %	D-638	45

<u>Flexural Properties</u>	<u>ASTM Test</u>	<u>Typical Value</u>
Modulus, psi	D-790	300,000

<u>Thermal Properties</u>	<u>ASTM Test</u>	<u>Typical Value</u>
Heat Distortion, F Annealed	D-648	190

StarPlas HIPS 1320 is a high impact and high flow polystyrene grade for fast cycle injection molding and hard to fill tool designs. The high melt index of this material makes it easy to fill thin, large and complex parts. StarPlas HIPS 1320 is utilized in products such as medical applications, textile spools and excellent color concentrate carrier.

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.

