



StarPlas HDPE 5502

High Density Polyethylene, Phillips Process
High Impact, Extrusion, Blow Molding grade

Melt Flow	ASTM Test	Typical Value
Flow, gm/10 min., 190/2.16	D-1238	0.35
Density	D-792	0.955
Impact Properties	ASTM Test	Typical Value
Izod, ft-lbs/in, notched	D-256	>6.0
Tensile Properties	ASTM Test	Typical Value
Strength, psi	D-638	4,000
Elongation, %	D-638	600
Flexural Properties	ASTM Test	Typical Value
Modulus, psi	D-790	200,000
ESCR	D-1683	50 hours
Thermal Properties	ASTM Test	Typical Value
Heat Distortion, F Annealed	D-648	167

StarPlas HDPE 5502 is mainly used in blow molding for household and industrial chemical containers. Superior environmental stress cracking resistance and stiffness. FDA, USP VI and DMF listed.

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.

