

HD10950

HDPE

Technical Data Sheet

Blow Molding & Sheet Resin

Applications

- 55 Gallon Containers
- Fuel Containers
- Pallets
- Truck Bed Liners

Properties

- Phillips Process®
- Excellent Impact Strength
- Good Rigidity
- Excellent ESCR

PROPERTIES

VALUE

METHOD

PROPERTIES	VALUE	METHOD
HLMI 190°C/21.6kg (gm/10 min)	10.5	ASTM D1238
Density (gm/cc)	0.950	ASTM D1505
Tensile at Yield (psi)	3650	ASTM D638
Elongation at Break (%)	> 750	ASTM D638
Flexural Modulus (psi)	170000	ASTM D790
ESCR, Condition B, F ₅₀ (hours)	> 800	ASTM D1693
Brittleness Temperature, F ₅₀ (°F)	< -103	ASTM D746
Hardness, Shore D	67	ASTM D2240

FDA

This material complies with FDA regulations in 21 CFR, section 177.1520.

The information contained herein is based upon data believed to be reliable and relates only to the matters specifically contained herein. Although such information is, to the best of our knowledge and belief, accurate and reliable as of the date hereof, no representation, warranty (expressed or implied, of merchantability, fitness or otherwise), or guarantee is made as to the suitability, accuracy, reliability, or completeness of the information. It is the user's responsibility to satisfy itself as to the suitability, accuracy, reliability, or completeness of such information for its particular use. There is no warranty against patent infringement, and Trademark Plastics Corporation shall not be liable for any loss, damage, or injury that may occur from use of this information. No statement herein shall be construed as an endorsement of any product or process.

For more information about our products, please contact your local sales representative or call 908.925.5900.