



# TRADEMARK POLYETHYLENE

## HD10950

Technical Data Sheet

## HDPE

## 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
HLMI (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 <sub>50</sub> (hours)	> 800	ASTM D1693
Brittleness Temperature, F <sub>50</sub> (°F)	< -103	ASTM D746
Hardness, Shore D	67	ASTM D2240

### FDA

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

