

HDPE B10950P

High Density Polyethylene - Slurry Loop



Overview

This high density polyethylene designed for blow molding and extrusion applications that require high impact strength, good rigidity and chemical resistance. This grade has excellent ESCR.

Applications

- Large Drums
- Fuel Containers
- Pallets
- Truck Bed Liners

Property	Value	Unit	ASTM
Melt index (condition 230°C/2.16 kg)	10	g/10 min	D 1238
Density (g/cm ³)	0.952	g/cm ³	D 792
Tensile Strength at Yield	3700	psi	D638
Elongation at Break	>800	%	D638
Flexural Modulus	165000	psi	D790
ESCR, Condition B, F50	>800	hr	D1693
Brittleness Temperature, F50	<- 103	°F	D746

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