

HDPE B5954P

High Density Polyethylene - Slurry Loop



Overview

- Slurry Loop
- Excellent Impact Strength
- Exceptional Creep Resistance
- Excellent ESCR

Applications

- Large Drums · Slurry Loop
- Industrial Tanks
- Heavy Duty Parts
- Playground Equipment

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

Property	Value	Unit	ASTM
Melt index (condition 230°C/2.16 kg)	5.5 HLMI	g/10 min	D 1238
Density (g/cm ³)	0.954	g/cm ³	D 792
Tensile Strength at Yield	4100	psi	D638
Elongation at Break	>600	%	D638
Flexural Modulus	195000	psi	D790
ESCR, Condition B, F50	> 1000	hours	D1693
Brittleness Temperature, F50	<- 103	°F	D746