

# HDPE B035946

High Density Polyethylene



## Overview

HDPE B10950P has outstanding processability, superior melt strength, excellent slow crack growth resistance, and good balance between pipe stiffness and toughness.

## Applications

- Telecommunications
- Data transmission
- Pallets
- Electrical

Property	Value	Unit	ASTM
Melt index (condition 230°C/2.16 kg)	0.35	g/10 min	D 1238
Density (g/cm <sup>3</sup> )	0.946	g/cm <sup>3</sup>	D 792
Tensile Strength (Yield)	3000	psi	D638
Elongation (Break)	500	%	D638
Flexural Modulus	106,000	psi	D790
Brittleness Temperature	<-103	°F	D746A
ESCR, Condition B (F50, 100% Igepal)	>100	h	D1693
Thermal Stability	>428	°F	D3350