

# HDPE F10950

High Density Polyethylene



## Overview

HDPE F10950 has bimodal molecular weight distribution, excellent tear strength, exceptional impact strength, and excellent processability.

## Applications

- T-shirt bags
- Trash can liners
- Merchandise bags
- Multi-wall liners
- Deli wrap

Property	Value	Unit	ASTM
High Load Melt Index (190°C / 21.6kg)	0.08	g/10 min	D 1238
Density (g/cm <sup>3</sup> )	0.950	g/cm <sup>3</sup>	D 792
Melting Temperature	270	°F	D3417
Dart Impact	350	g	D1709
Elmendorf Tear Strength (MD/TD)	24/120	g	D1922
Tensile Strength - Yield (MD/TD)	5300/5000	psi	D638
Tensile Strength - Break (MD/TD)	9200/9800	psi	D882
Elongation - Break (MD/TD)	400/400	%	D638
Modulus – 1% Secant (MD/TD)	122/132	psi	D882