

# HDPE F5949

## High Density Polyethylene



### Overview

This resin is a high density PE designed for high impact strength and good processing characteristics. This resin has well balanced physical properties and provides good stiffness for thin gauge film applications

### Applications

- T-Shirts bags
- Trash can liners
- Industrial liners
- Heavy duty bags

Property	Value	Unit	ASTM
Melt index (condition 230°C/2.16 kg)	0.05	g/10 min	D 1238
Density (g/cm <sup>3</sup> )	0.949	g/cm <sup>3</sup>	D 792
Melting Temperature	131	°C	
Dart Impact	200	g/mil	D1709
Elmendorf Tear Strength (MD/TD)	10 / 25	g/mil	D882
Tensile Strength at Break (MD/TD)	9000/4100	psi	D882
Elongation (MD/TD)	300 / 410	%	D882

This resin complies with FDA 21 CFR 177.1520. For more information contact Product Regulatory Compliance.