HDPE F5949

High Density Polyethylene

StarResin

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 190°C/2.16 kg)	0.05	g/10 min	D 1238
Density (g/cm³)	0.949	g/cm³	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.

This information, to our knowledge, is believed to be correct. The use of this product in its actual conditions are beyond our control and satisfactory results for this product is the customer's sole responsibility. User must make their own decisions regarding its suitability for their equipment and final products.