

PRODUCT DATA SHEET

HDPE F5949 High Density Polyethylene

Recommended Applications

T-Shirts bags, trash can liners, industrial liners, heavy duty bags

Description

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.

Processing

Film Extrusion

Property	Value	Unit	Test Method
Melt Index (condition 190°C/2.16 kg)	.05	g/10min	D 1238
Density	.949	g/cm ³	D 1505
Melting Point	131	°C	
Dart Impact	200	g/mil	D 1709
Elmendorf Tear Strength	M.D. 10	g/mil	D 1922
	T.D. 25	g/mil	D 1922
Tensile Strength at Break	M.D. 9000	psi	D 882
	T.D. 4100	psi	D 882
Elongation	M.D. 300	%	D 882
	T.D. 410	%	D 882

FDA

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.