

HDPE

HDPE HF49007

HMW-HDPE-FILM GRADE

HF49007 is a generic prime, bi-modal resin designed for high dart impact strength and good processing characteristics. HF49007 is well balanced in overall physical properties and good stiffness for thin gauge film applications.

Typical Applications:

- T-Shirt bags
- Trash Can Liners
- Industrial Liners
- Produce Bags

Film Properties

Properties	Test Method	Typical Value	Unit
Dart	D1709	260	g/mil.
Elmendorf Tear Strength MD/TD	D1922	15/450	g/mil.
Tensile Strength at Break MD/TD	D882	13000/6000	Psi.
Elongation MD/TD	D882	260/570	%
1% Secant Modulus MD/TD	D882	120K/140K	Psi.

Physical Properties

Properties	Test Method	Typical Value	Unit
Density	D1505	0.950	g/cc
Melt Index, Condition E, 190°C/2.16 kg (MI)	D1238	0.06	g/10min.
Melt Index, Condition F, 190°C/21.6 kg (HLMI)	D1238	9.5	g/10min.

Typical physical property values are based on samples tested and are not guaranteed for all samples. Values should not be used for specification purposes.