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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

Physical Properties¹

Physical Properties	Unit	Test Method	Value
Density	g/cc	D1505	0.950
Melt Index, Condition E,			
Condition E, 190°C/2.16 kg (MI)	g/10min.	D1238	0.06
Condition F, 190 °C/21.6 kg (HLMF)	g/10min.	D1238	9.5
Typical Film Properties:			
Dart	g/mil.	D1709	260
Elmendorf Tear Strength MD/TD	g/mil.	D1922	15/450
Tensile Strength at Break MD/TD	Psi.	D882	13000/6000
Elongation MD/TD	%	D882	260/570
1% Secant Modulus MD/TD	Psi.	D882	120K/140K

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