

HWF-849A High Density Polyethylene

MELT - 0.040

DENSITY - 0.949

HWF-849A is a certified bi-modal High Molecular Weight HDPE butene copolymer developed for thin gauged blown films. **HWF-849A** complies with FDA regulation 21CFR177.1520.

Features:

- Good dart impact
- Good stiffness
- Excellent processability

Typical Applications:

- Retail bags
- Consumer/Industrial liners
- Heavy duty bags

PROPERTIES	ASTM	UNIT	VALUES	
PHYSICAL				
Density	D1505	g/cm ³	0.949	
Melt Flow Rate (190°C, 2.16kg)	D1238	g/10 min	0.040	
Melt Flow Rate (190°C, 21.6 kg)	D1238	g/10 min	8.0	
Melting Temperature	DSC	°F	266	
0.51 Mil BLOWN FILM			MD	TD
Tensile Strength (Break)	D882	psi	8990	4060
Tensile Elongation (Break)	D882	%	300	410
Elmendorf Tear Strength	D1922	g	15	25
Dart Drop Impact	D1709A	g	210	