

**MELT - 0.050**

**DENSITY - 0.952**

**HWF-0852** is a certified prime grade Hexene copolymer High Molecular Weight developed for production of thin gauged high stiffness paper-like blown films. **HWF-0852** minimum recommended film gauge is 0.5 mil and melt processing temperature is between 210 to 230°C.

### Features:

- Bimodal & broad molecular weight distribution
- Improved processability
- Outstanding film mechanical properties
- High film drawdown

### Typical Applications:

- Shopping, grocery, merchant & produce bags
- Refuse sacks
- Single & multiwall liners
- Lamination
- Meat & cheese wrap films
- Substitute film for grease proof waxed and acid free papers

PROPERTIES	ASTM	UNIT	VALUES	
<b>PHYSICAL</b>				
Density	D1505	g/cm <sup>3</sup>	0.952	
Melt Flow Rate (190°C, 2.16kg)	D1238	g/10 min	0.050	
Melt Flow Rate (190°C, 21.6 kg)	D1238	g/10 min	8.0	
Peak Melting Temperature	D3417	°F	264	
<b>0.50 Mil BLOWN FILMS</b>			<b>MD</b>	<b>TD</b>
Secant Modulus - 1% Secant	D882	psi	115k	140k
Tensile Strength (Yield)	D882	psi	4060	3770
Tensile Strength (Break)	D882	psi	10k	5950
Tensile Elongation (Break)	D882	%	330	480
Elmendorf Tear Strength	D1922	g	20	200
Dart Drop Impact	D1709A	g	280	