

## **bpi** brentwood plastics, inc.

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### **FRAC**

“FRAC” is short for “fractional melt”, defined as a resin with a melt index of less than 1.0, or a fraction. Melt index ( MI ) is measure of viscosity, or resistance to flow. The lower the number, the stronger the resin. For over 40 years, we have insisted on only premium 0.25 MI. Most widely used in industrial applications including shrink film and shipping sacks. Available in high, medium or low slip. 2 mil minimum. FDA and Kosher approved.

<u>Properties</u>	<u>test method</u>	<u>typical value*</u>	<u>unit</u>
Haze	ASTM D 1003	23	%
Gloss 45 °	ASTM D 2457	46	-
1% secant modulus MD	ASTM D 882	24,000	psi
TD		27,100	
Dart Impact F50	ASTM D1709A	220	gm.
Elmendorf tear MD	ASTM D 1922	210	gm.
TD		190	
Tensile Break Strength MD	ASTM D 882	2,200	psi
TD		2,560	
Tensile Elongation @ break MD		650	%
TD		710	%
Tensile Yield MD		2,900	psi
TD		2,700	

\* data obtained on 2.0 mil film is typical and not to be construed as specification limits. Establishing suitability for any end use is the end user's responsibility. No warranties are expressed or implied.