



brentwood plastics, inc.

3122 Sutton Boulevard
Maplewood, MO 63143

www.brentwoodplastics.com

Phone: 314.968.1135
Fax: 314.968.4276

Hi D

Hi D is short for “high density”. Used for applications requiring extra stiffness, better barrier and higher heat resistance.

<u>Properties</u>	<u>test method</u>	<u>typical value*</u>	<u>unit</u>
Haze	ASTM D 1003	55	%
Gloss 45 °	ASTM D 2457	13	-
1% secant modulus	ASTM D 882	53,300	psi
MD		58,900	
TD			
Dart Impact F50	ASTM D1709A	215	gm.
Elmendorf tear	ASTM D 1922	214	gm.
MD		173	
TD			
Tensile Break Strength	ASTM D 882	6,300	psi
MD		5,420	
TD			
Tensile Elongation @ break			
MD		490	%
TD		695	%
Tensile Yield			
MD		2,270	psi
TD		2,310	psi
Elongation @ yield			
MD		12.4	%
TD		11.8	%

* 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.