



brentwood plastics, inc.

3122 Sutton Boulevard
Maplewood, MO 63143

www.brentwoodplastics.com

Phone: 314.968.1135
Fax: 314.968.4276

PCRPE

PCRPE is short for “ post consumer recycled polyethylene “ (PE). Feedstocks are stretch wrap and shrink wrap from grocery stores. When blended with the right grades of virgin, properties are very consistent. Exhibits excellent puncture and elongation resistance. Excellent sealability and seal strength. Not approved for direct food packaging.

Typical Properties of 80% PCR *

<u>Property</u>	<u>Test Method</u>	<u>Typical Value</u>	<u>Unit</u>
Gloss 45°	ASTM D 523	52	
Haze	ASTM D 1003	33	%
Secant Modulus 1%	ASTM D 882	36,500 MD 34,000 TD	psi
Tensile Elongation Break	ASTM D 882	320 MD 280 TD	%
Elmendorf Tear	ASTM D 1922	1340 MD 1110 TD	gm
Dart Impact F 50	ASTM 1709 A	145	gm
Coefficient of Friction	ASTM D 1894	**	

* 80 % PCR / 20% virgin PE.
good faith estimates based on repeated testing
Not to be construed as specification limits
It is the users responsibility to determine suitability for any application

** customized made to order