

TYPICAL PROPERTIES OF High Regrind Content RPET Sheet – BCARPB

Capabilities:

- Gauge: 0.0095" – 0.035" (241 µm – 889 µm)
- Width: 12" – 48" (305mm – 1219mm)
- Core Size: 6" standard, 3" and 8" available
- Roll OD: 29" standard, up to 40" available
- Available in clear, opaque colors and transparent tints
- Silicone coating available

Features:

- Made from recycled content
- Economical for clear packaging
- Good clarity and impact strength
- Excellent strength for tough applications
- 100% recyclable
- FDA compliant for CFR 21#177.1630
- Kosher certified material

Properties	Units	Typical Values	Test Method
Yield	in ² /lb per mil	20,810	ASTM D4321
Density	g/cc	1.33	—
Shrinkage	%	0.2 – 0.5	ASTM D955
Tensile Strength at Yield	psi	8,000 – 9,000	ASTM D638
Ultimate Elongation	%	200 – 400	ASTM D638
Flexural Modulus	psi	325,000 – 370,000	ASTM D790
Intrinsic Viscosity	—	≥ 0.55	ASTM D3835
Light Transmission	%	≥ 85	ASTM D1003
Haze	%	≤ 10	ASTM D1003
Clarity	%	≥ 97	ASTM D1003
Thermoforming Temperature	degree	250 – 310°F (121 – 154°C)	Internal
Range of Use	degree	10 – 150°F (-12 – 66°C)	Internal
Chemical Resistance			
Acid Resistance	—	Good to Excellent	Internal
Strong Oxidizers	—	Good to Excellent	Internal
Alkalies	—	Fair to Good	Internal
Hydrocarbon Solvents	—	Good to Excellent	Internal
Alcohols	—	Good to Excellent	Internal
Fat, Grease & Oil	—	Good to Excellent	Internal

Thickness & Yields may vary by +/- 10%

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