MULTI-PLASTICS EXTRUSIONS, INC

PET SHEET

Version: RD072024-PET

TYPICAL PROPERTIES OF
Barrier APET Sheet – BCAO2B

Capabilities:

- Gauge: 0.0095” – 0.040” (241 µm – 1016 µm)
- Width: 12” – 60” (305mm – 1524mm)
- 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:

- Exceptional clarity and impact performance
- Good formability with great definition
- Faster forming cycles than PVC
- Excellent strength for tough POP applications
- High barrier properties
- 100% Recyclable
- FDA compliant for CFR 21#177.1630

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	—	≥ 0.74	ASTM D3835
Light Transmission	%	≥ 90	ASTM D1003
Haze	%	≤ 2	ASTM D1003
Clarity	%	≥ 99	ASTM D1003
Thermoforming Temperature	degree	250 – 310°F (121 – 154°C)	Internal
Range of Use	degree	0 – 150°F (-18 – 66°C)	Internal
OTR @73°F(23°C),50%RH@20mil	cc/100in^2/day	0.04	ASTM D3985
MVTR @100°F(38°C),90%RH@20mil	g/100in^2/day	0.25	ASTM F1249
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%

All data represents typical values by the methods indicated and should be considered so. The information herein, is to the best of our knowledge, true, and accurate. However, since conditions of use are beyond our control, all recommendations or suggestions are presented without guarantee or responsibility on our part. No warranty is made or implied.

MULTI-PLASTICS CANADA CO.

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MULTIPLASTICS (EUROPE) LIMITED