



# PET SHEET

November 2009



## 4203

### Impact Modified RPET

#### Environmentally Responsible Packaging

#### CAPABILITIES

- Gauge: .0095" to .035" (241 to 889 µm)
- Width: 12" to 48" (305 to 1219 mm)
- Core Size: 6" standard cores, 3" and 8" available
- Roll O.D.: 29" standard, up to 40" available
- Silicone coating available
- Clear, custom translucent and opaque colors

#### PROPERTIES

- Made from Recycled Content
- Impact modified for superior strength
- Ideal for deep draw, heavier gauge applications
- Exceptional clarity
- 100% Recyclable
- Appropriate for packaging & holding fresh fruits and vegetables at room temperature and below

#### TECHNICAL SPECIFICATIONS

	Value	Units	ASTM
Specific Gravity	1.33	grams/cm <sup>2</sup>	
Shrinkage	2.0 to 5.0	%	D955
Yield	20,810	in <sup>2</sup> /lb./mil of thickness	
Tensile Strength at Yield	7,500 to 8,500	psi	D638
Ultimate Elongation	100 to 300	%	D638
Flexural Modulus	325,000 to 370,000	psi	D790
Intrinsic Viscosity	≥0.66		D3835
Light Transmission	>85	%	D1003
Haze	<4	%	D1003
Clarity	>97	%	D1003
Typical Thermoforming Temperature	250 to 310 (121 to 154)	°F (°C)	
Typical Range of Use	0 to 150 (-18 to 66)	°F (°C)	

#### CHEMICAL RESISTANCE

Acid Resistance	Good to Excellent
Strong Oxidizers	Good to Excellent
Alkalies	Fair to Good
Hydrocarbon Solvents	Good to Excellent
Alcohols	Good to Excellent
Fat, Grease, and Oil	Good to Excellent

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