



## PACUR™ APET Polyester Sheet

Pacur™ APET is extruded from polyester resin. It is an exceptionally clear FDA approved material for use in food. In comparison to the copolyesters, it offers a better oxygen permeability barrier for packaging of oxygen-sensitive products. It offers excellent resistance to many chemicals and solvents and is also an electrical insulator.

### PACUR™ APET SHEET SPECIFICATIONS (Available in Roll Stock Only)

|                |                                                                |
|----------------|----------------------------------------------------------------|
| GAUGE:         | .005" - .040"                                                  |
| WIDTH:         | Maximum 52" ± 1/32"                                            |
| ROLL DIAMETER: | Slit Rolls - 24" O.D. Maximum<br>Mill Rolls - 30" O.D. Maximum |
| CORE SIZES:    | 3" OR 6" I.D.                                                  |
| COLOR/TINTS    | Custom Colors Available on Request                             |

### PACUR™ APET SHEET PROPERTIES

| PROPERTY                      | UNITS                                 | APET PACUR™ |
|-------------------------------|---------------------------------------|-------------|
| Density                       | gm/cm <sup>3</sup>                    | 1.33        |
| Basis Weight @ .010"          | lbs/1000 in <sup>2</sup>              | .480        |
| Yield @ .010"                 | in <sup>2</sup> /lb                   | 2,083       |
| Haze @ .010"                  | %                                     | .7          |
| Tensile Strength @ Yeild      | PSI                                   | 7,300       |
| Tensile Modulus of Elasticity | PSI                                   | 260,000     |
| Dart Impact @ 73°F            | 1/2" dart gm @ 26" drop               | 425         |
| Dart Impact @ -20°F           | 1/2" dart gm @ 26" drop               | 300         |
| Oxygen Transmission Rate      | cc/mil/m <sup>2</sup> /24hrs/atm      | 150         |
| Oxygen Transmission Rate      | cc/mil/100 in <sup>2</sup> /24hrs/atm | 9.7         |
| Water Vapor Transmission Rate | gm/mil/100 in <sup>2</sup> /24hrs/atm | 4.0         |

The information contained herein is true and accurate to the best of our knowledge; however; it is presented without any guarantees and without assumption of any liabilities as a result of the use of the information herein.

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PACUR is an ISO 9001:2000 company