

**ADS310**  
**Performance Monolayer CPP Film Series**

**General Description**

The ADS310 series of monolayer CPP films offers good clarity & gloss combined with exceptional heat sealing performance on both surfaces. The high tensile strength and low modulus make the material suitable for a variety of demanding applications.

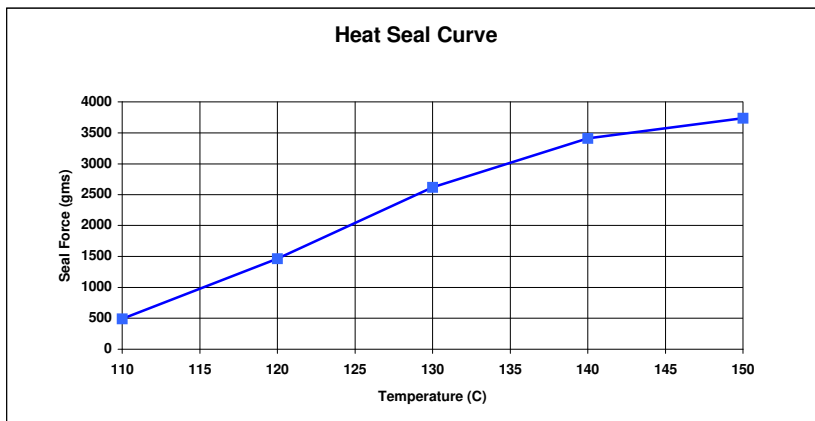
**TYPICAL PHYSICAL PROPERTIES (1.0MIL FILM)**

| PROPERTY   | Units               | ASTM Test# | Typical Value    |
|--|---------------------|------------|------------------|
| Haze   | %                   | D1003      | 2.8              |
| Gloss  | 45 <sup>0</sup>     | D2457      | 85               |
| Ultimate Tensile MD<br>TD  | psi                 | D882       | 8,000<br>6,300   |
| Ultimate Elongation MD<br>TD   | %                   | D882       | 600<br>700       |
| Secant Modulus MD<br>TD  | psi                 | D882       | 60,000<br>55,000 |
| Coefficient Of Friction  | gms                 | D1894      | .20              |
| Elmendorf Tear Strength MD<br>TD   | gms                 | D1922      | 30<br>135        |
| Barrier O <sup>2</sup> (cc/100in <sup>2</sup> /day)<br>H <sup>2</sup> O (gm/100in <sup>2</sup> /day) |                     |            | 280<br>0.90      |
| Seal Initiation Temp. (S.I.T.)   | <sup>0</sup> C      |            | 105              |
| Melting Temp.  | <sup>0</sup> C      |            | 135              |
| Yield  | in <sup>2</sup> /lb |            | 30,800           |

**ADS310** 2-side sealable, slip modified on both surfaces.

**Regulatory Compliance**

- FDA 21 CFR 177.1520 (c)3.1a food contact only.
- USPS-T-3204 Polywrap mailer overwrap.



**Typical Coex Structure**



Low SIT PP Resin = Proprietary