



# CNS-101.35KB

Nylon/EVOH Coextrusion

↳ A BETTER WAY

Key Attributes:

- Heat Resistant Nylon Skin
- Excellent Toughness
- Outstanding Oxygen Barrier
- Broad Heat Seal Range

Typical End Uses: Pouches and other packaging applications where toughness, high oxygen barrier, and a high performance sealant are necessary.

| Attribute         | Typical Value | Units   | ASTM Test Method  |
|-------------------|---------------|---|-------------------|
| Gauge             | 3.00          | mil   |                   |
| Yield @ 1mil      | 28,400        | in <sup>2</sup> /lb                           |                   |
| Optical Density   | 0.15          |   | D-7305            |
| Gloss (45°)       | 50            | %   | D-2457            |
| Tensile           | MD            | 5,600   | psi               |
|                   | TD            | 4,800   |                   |
| Elongation        | MD            | 540   | %                 |
|                   | TD            | 560   |                   |
| Secant Modulus    | MD            | 93,000  | psi               |
|                   | TD            | 100,000                                       |                   |
| Elmendorf Tear    | MD            | 150   | g                 |
|                   | TD            | 600   |                   |
| Dart Impact       | 550           | g   | D-1709 (method A) |
| O <sub>2</sub> TR | .025          | cc/100in <sup>2</sup> /24hr<br>(0% RH, 23°C)  | D-1434            |
| MVTR              | 0.39          | g/100in <sup>2</sup> /24hr<br>(90% RH, 100°F) | F-1249            |
| Creation Date:    |               |   | 07/15/2019        |

The information provided is a good faith summary of typical film properties but is not meant to be used as a specification, nor as a guarantee of film properties. Users must assume responsibility for fitness of use in their individual applications. In addition, Charter NEX Films, Inc. does not warranty against patent infringement.



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