

# TPP9205E



**Description:** Low Density Polyethylene  
**Features:** Excellent processability, good heat seal, good WVTR  
**Applications:** Extrusion coating: liquid packaging, folding carton, cup stock, general paper and board coating  
**Regulatory:** FDA-21 CFR 177.1520 (c)

| Typical Properties  | Values*                                      | ASTM Test Method |
|---|--|------------------|
| Melt Index  | 5.0 g/10 min                                 | D1238            |
| Density   | 0.923 g/cm <sup>3</sup>                      | D1505            |
| Melting Point   | 227°F  | D3418            |
| Vicat Softening Temperature   | 213°F  | D1525            |
| <b>Typical Extrusion Coating Properties at 1 mil (14.4 lbs./ream)**</b> |  | D1525            |
| WVTR  | 1.19 g/100in <sup>2</sup> /day               | F1249            |
| OTR   | 470 cm <sup>3</sup> /100in <sup>2</sup> /day | D3985            |

\* The nominal values contained herein are a representation of the typical properties of the product and are not intended to be used as specification. These values do not reflect normal testing variances.

\*\*Testing performed on coated slip sheet at 14.4 lbs./ream or 1.0 mil

The information contained herein is based on reliable testing methods and is believed to be accurate. However, Thornton and Company, Inc. does not create and expressly disclaims all warranties, express or implied, including warranties of merchantability or fitness for a particular purpose. It is the exclusive responsibility of the user to make its own assessment and determination of the safety and suitability of the product for their specific intended use(s).

453 North Main Street, Suite 316  
Southington, CT 06489  
Telephone: (860) 628-6771