

Description

L425AB: Blown film polyethylene grade. Provides excellent bubble stability, exceptional tear strength, high impact and puncture resistance, outstanding clarity and gloss, good stiffness, excellent compatibility with LDPE and LLDPE. L425AB is formulated to contain an antiblock agent.

Applications: L425 is recommended for shrink films, heavy duty sacks, food packaging, laminations and multilayer packaging film.

Characteristics

| | Method | Unit | Typical Value |
|--|-----------|--------------|---------------|
| Rheological Properties⁽¹⁾ | | | |
| Melt Flow Index | D-1238 | g/10 min | |
| 190°C/2.16 kg | | | 0.4 |
| 190°C/21.6 kg (HLMI) | | | 12 |
| Mechanical Properties⁽¹⁾⁽²⁾ | | | |
| Dart Impact | D-1709, A | g | 300 |
| Elmendorf Tear | D-1922 | g (MD/TD) | 250 / 800 |
| Tensile Strength @ Break | D-882, A | psi (MD/TD) | 5500 / 5000 |
| Elongation at Break | D-882, A | % (MD/TD) | 700 / 800 |
| 1% Secant Modulus | D-882, A | kpsi (MD/TD) | 26 / 27 |
| Haze | D-1003 | % | 12 |
| Thermal Properties⁽¹⁾ | | | |
| Melting Point | D-3417 | °F | 248 |
| Other Physical Properties⁽¹⁾ | | | |
| Density | D-792 | g/cc | 0.926 |

(1) Data developed under laboratory conditions and are not to be used as specification, maxima or minima.

(2) Film was produced at 1.0 mil with a 2.5 BUR.