

Quimtec LL118

LL118 series of resins are pelletized linear low density polyethylene for film extrusion applications requiring excellent drawdown and toughness. These resins have excellent puncture resistance, elongation and heat seal strength. Applications include heavy duty shipping sacks, prime liners, commercial and industrial packaging, as well as food and consumer packaging.

| <i>Properties</i> | <i>Value</i> | <i>Units</i> | <i>ASTM Test Method</i> |
|--|---------------------|---------------------|--------------------------------|
| Melt Index (190/2.16) | 1.0 | g/10 min | D 1238 |
| Density | 0.918 | g/cm ³ | D 1505 |
| <i>Film</i> | | | |
| Gauge | 1.5 | mil | |
| Blow-up Ratio | 2.1 | | |
| Haze | 11 | % | D 1003 |
| Gloss, 45° | 50 | | D 523 |
| Dart Drop Impact Strength, F ₅₀ | 145 | g | D 1709/A |
| Tensile Strength, @ Break MD (TD) | 5,800 (4,600) | psi | D 882 |
| Elongation, 2 Break MD (TD) | 600 (760) | % | D 882 |
| 1% Secant Modulus, MD (TD) | 27,000 (35,000) | psi | D 638 |
| Elmendorf Tear , MD (TD) | 160 (560) | g | D 1922 |

| <i>Product</i> | <i>LL118NN</i> | <i>LL118HH</i> | <i>LL118MM</i> |
|-----------------------|-----------------------|-----------------------|-----------------------|
| Slip | None | High | Medium |
| Antiblock | None | High | Medium |

The information on this document is, to our knowledge, true and accurate. However, since the particular uses and the actual conditions of use of our products are beyond our control, establishing satisfactory performance of our products for the intended application is the customer's sole responsibility. No warranties are given. All implied warranties of merchantability or fitness for a particular purpose are expressly excluded.