# **StarResin**

**PRODUCT DATA SHEET** 

LDPE E20917 Low Density Polyethylene

### **Extrusion and Compounding**

#### Applications

#### Characteristics

- Food Contact Acceptable
  - Excellent for Compounding
- Adhesives and TapesCoating Applications
- Food Contact Applications

Additive and Masterbatch

Sealing Applications

| Property                    | Value | Unit      | Method |
|-----------------------------|-------|-----------|--------|
| Melt Index (190°C/2.16 kg)  | 20    | gm/10 min | D 1238 |
| Density                     | 0.917 | g/cm³     | D 1505 |
| Tensile Strength at Break   | 1020  | psi       | D 638  |
| Elongation at Break         | 220   | %         | D 638  |
| Flexural Modulus, 1% Secant | 27600 | psi       | D 790  |
| Hardness, Shore A           | 94    |           | D 2240 |
| Hardness, Shore D           | 47    |           | D 2240 |
| Brittleness Temperature     | -13   | °F        | D 746  |
| Vicat Softening Temperature | 189   | °F        | D 1525 |
| Melting Temperature         | 220   | °F        |        |

This information, to our knowledge, is believed to be correct. The use of this product in its actual conditions are beyond our control and satisfactory results for this product is the customer's sole responsibility. User must make their own decisions regarding its suitability for their equipment and final products.

## **GL** BAL PLASTICS LP

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