

### FEATURES

- High Viscosity
- High Impact
- High Productivity
- Easy to Process
- FDA Rating: 21 CFR 177.1640

### APPLICATIONS

- Sheet Extrusion
- Deep Draw Thermoforming
- Blends with GPPS
- Cups and plates

### TYPICAL PROPERTY VALUES

| Physical   | English                | Value              | SI                | Value              | Test Method |
|--|------------------------|--------------------|-------------------|--------------------|-------------|
| Melt Flow Rate (200°C/5.0 kg)                    | g/10 min               | 3                  | g/ 10 min         | 3                  | ASTM D1238  |
| Density  | lb/ft <sup>3</sup>     | 65                 | g/cm <sup>3</sup> | 1.04               | ASTM D792   |
| Mechanical                                       |                        |                    |                   |                    |             |
| Break Elongation                                 | %                      | 50                 | %                 | 50                 | ASTM D638   |
| Tensile Strength, Break                          | psi                    | 3,000              | MPa               | 21                 | ASTM D638   |
| Tensile Modulus                                  | kpsi                   | 288                | MPa               | 1,980              | ASTM D638   |
| Impact   |                        |                    |                   |                    |             |
| Notched Izod Impact (0.5in)                      | ft-lb <sub>f</sub> /in | 2.1                | J/m               | 112                | ASTM D256   |
| Ignition Characteristics                         |                        |                    |                   |                    |             |
| Flammability                                     | -                      | <a href="#">HB</a> | -                 | <a href="#">HB</a> | UL 94       |
| Thermal  |                        |                    |                   |                    |             |
| VICAT Softening Temperature (120°C/, 10 N)       | °F                     | 216                | °C                | 102                | ASTM D1525  |
| Heat Deflection Temperature (264 psi unannealed) | °F                     | 160                | °C                | 71                 | ASTM D648   |

Properties reported in this data sheet are determined according to referred standard methods. Values shown represent averages from typical results measured in the laboratory and are provided only as a guide, not as specification limits.

### EXTRUSION CONDITIONS

|                  | °C      | °F      |
|------------------|---------|---------|
| Initial Zone     | 80      | 176     |
| Feeding zone     | 180-190 | 356-374 |
| Transport zone   | 190-200 | 374-392 |
| Compression zone | 200-210 | 392-410 |
| Pumping zone     | 210-220 | 410-428 |
| Melt             | 220     | 392     |

### ADDITIONAL INFORMATION

#### Warning

Combustion of this material may cause hazardous fumes and gases that may be dangerous to health, especially in enclosed places. It should be noted that excessive heating or long residence time may cause degradation.

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