# Solvay Engineered Polymers SEQUEL® 5220 Engineered Polyolefin (discontinued **)

**Category :** Polymer , Thermoplastic , Polyolefin

**Material Notes:**

Description: SEQUEL® 5220 engineered polyolefin is designed for large exterior applications that require superior painted gouge/scuff performance. This product also offers ductile impact properties at low temperatures, excellent paintability, and processability.

Applications: Bumper fascias, claddings Information provided by Solvay Engineered Polymers.LyondellBasell acquired Solvay Engineered Polymers in 2008. This grade is not part of the current LyondellBasell product line.

Order this product through the following link:
http://www.lookpolymers.com/polymer_Solvay-Engineered-Polymers-SEQUEL-5220-Engineered-Polyolefin-nbspdiscontinued-.php

| Physical Properties | Metric | English | Comments |
|---|---|---|---|
| Specific Gravity | 0.960 g/cc | 0.960 g/cc | ISO 1183 |
| Linear Mold Shrinkage | 0.013 - 0.015 cm/cm | 0.013 - 0.015 in/in | after bake; ISO 294 |
| Melt Flow | 20.2 g/10 min | 20.2 g/10 min | ISO 1133 |

| Mechanical Properties | Metric | English | Comments |
|---|---|---|---|
| Tensile Strength, Yield | 21.5 MPa | 3120 psi | 150x10x4 mm specimen, 50 mm/min; ISO 527-1/527-2 |
| Flexural Modulus | 1.70 GPa | 247 ksi | 80x10x4 mm specimen, 2 mm/min; ISO 178 |
| Impact Test | 24.0 J | 17.7 ft-lb | multiaxial, 2.2 m/s; ASTM D3763 |

| Thermal Properties | Metric | English | Comments |
|---|---|---|---|
| CTE, linear | 68.0 µm/m-°C<br>@Temperature -30.0 - 80.0 °C | 37.8 µin/in-°F<br>@Temperature -22.0 - 176 °F | ASTM E228 |

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