SOLVAY ENGINEERED POLYMERS

technical data

# SEQUEL 2380

**DESCRIPTION:**

SEQUEL® 2380 engineered polyolefin is designed for large mold-in-color interior applications that require stiffness and dimensional stability over a broad temperature range. This material exhibits excellent processability and appearance.

**APPLICATIONS:**

Interior instrument panels

| PROPERTY | TYPICAL VALUE | UNITS | TEST METHOD |
|---|---|---|---|
| **PHYSICAL** | | | |
| Specific Gravity | 1.04 | --- | ISO 1183 |
| Melt Flow Rate | 22 | g/10 min | ISO 1133 |
| Mold Shrinkage (AMMS) | 0.895 | % | ISO 2577 |
| Filler Content | 20 | % | ISO 3451 |
| Hardness, Shore D | 61 | --- | ISO 686 |
| **MECHANICAL** | | | |
| Tensile Strength @ yield | 24 | MPa | ISO R527 |
| Flexural Modulus @ +22°C | 2100 | MPa | ISO 178 |
| Notched Izod Impact | | | |
| @ 23°C | 18 | KJ/m2 | ISO 180 |
| @ -40°C | 4 | KJ/m2 | ISO 180 |
| Multiaxial Instrument Impact | | | |
| @ 23°C | 23 | J | ASTM D-3763 |
| @ 0°C | 25 | J | ASTM D-3763 |
| **THERMAL** | | | |
| DTUL | | | |
| @ 455 KPa | 111 | °C | ISO 175 |
| @ 1820 KPa | 59 | °C | ISO 175 |
| CLTE | $5 \times 10^{-5}$ | mm/mm/°C | ASTM E-228 |
| **VISUAL** | | | |
| Five-Finger Scratch Resistance Minimum Load for No Whitening | 15 | N | FLTM BN 108-13 |

3/26/03 HP

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