



SEQUEL 1733

DESCRIPTION:

SEQUEL® 1733 engineered polyolefin is designed for large mold-in-color automotive exterior applications that require dimensional stability over a broad temperature range. This material exhibits excellent high- or low-gloss surface appearance and processability.

APPLICATIONS:

Exterior cowl grilles, leaf screens, scuff plates, and painted exterior panels

| PROPERTY | TYPICAL VALUE | UNITS | TEST METHOD |
|-----------------------------------|------------------------|-------------------|---|
| PHYSICAL | | | |
| Density | 1.07 | g/cm ³ | ISO 1183 |
| As Molded Mold Shrinkage | .005 - .008 | mm/mm | ISO 294 |
| After Bake Mold Shrinkage | .007 - .010 | mm/mm | ISO 294 |
| Melt Flow Rate | 11 | g/10 min | ISO 1133 |
| MECHANICAL | | | |
| Flexural Modulus | 1850 | MPa | ISO 178 80x10x4mm specimen, 2 mm/min |
| Tensile Strength at Yield | 19.0 | MPa | ISO 527-1 and 527-2 150x10x4 mm specimen, 50 mm/min |
| Multiaxial Impact Strength @ 23°C | 16 | J | ASTM D3763 2.2 m/s |
| THERMAL | | | |
| DTUL | | | |
| @ 0.45 MPa | 95 | °C | ISO 75 |
| @ 1.8 MPa | 58 | °C | ISO 75 |
| CLTE | 6.0 x 10 ⁻⁵ | mm/mm/°C | ASTM D 696 -30°C to 80°C |

09-15-04

Solvay
Engineered Polymers
1200 Harmon Road
Auburn Hills, MI 48326
Phone: (248) 391-9500
Fax: (248) 391-9501

DEXFLEX®, DEXPRO®, ONTEX®, and SEQUEL® are registered trademarks and RESPOND™ is a trademark of Solvay Engineered Polymers. To our actual knowledge, the information contained herein is accurate as of the date hereof. However, neither Solvay Engineered Polymers nor any of its affiliates makes any warranty, express or implied, nor accepts any liability in connection with this information or its use. This information is for use by technically skilled persons at their own discretion and risk, and does not relate to the use of any product in combination with any other substance or in any process. This is not a license under any patent or other proprietary right. The user alone must finally determine suitability of any information or material for any contemplated use, the manner of use, and whether any patents are infringed. The above information gives typical properties only and is not to be used for specification purposes.