



## Sequel 1440-UV 7C45

### Compounded Polyolefin

#### Product Description

**Sequel 1440-UV 7C45** engineered polyolefin material is designed for large automotive exterior applications that require ductile impact properties at low temperatures, excellent part appearance, and processability.

#### Product Characteristics

|                                      |                                                        |
|--------------------------------------|--------------------------------------------------------|
| <b>Status</b>                        | Commercial: Active                                     |
| <b>Test Method used</b>              | ISO                                                    |
| <b>Availability</b>                  | North America                                          |
| <b>Processing Methods</b>            | Injection Molding                                      |
| <b>Features</b>                      | Low Temperature Impact Resistance, Good Processability |
| <b>Typical Customer Applications</b> | Bumpers, Exterior Applications                         |

| Typical Properties                                                 | Method        | Value | Unit     |
|--------------------------------------------------------------------|---------------|-------|----------|
| Physical                                                           |               |       |          |
| Density                                                            | ISO 1183      | 0.96  | g/cm³    |
| Melt flow rate (MFR) (230°C/2.16Kg)                                | ISO 1133      | 26    | g/10 min |
| Mechanical                                                         |               |       |          |
| Tensile Stress at Yield                                            | ISO 527-1, -2 | 17    | MPa      |
| Note: 150x10x4 mm specimen                                         |               |       |          |
| Tensile Strain at Break                                            | ISO 527-1, -2 | >500  | %        |
| Impact                                                             |               |       |          |
| Charpy notched impact strength                                     | ISO 179       |       |          |
| (-25 °C)                                                           |               | 9.4   | kJ/m²    |
| (23 °C)                                                            |               | 26.9  | kJ/m²    |
| Notched izod impact strength                                       | ISO 180       |       |          |
| (-25 °C)                                                           |               | 10.0  | kJ/m²    |
| (23 °C)                                                            |               | 24.9  | kJ/m²    |
| Additional Information                                             |               |       |          |
| Mold shrinkage                                                     | ISO 294-4     |       |          |
| Note: Please contact LyondellBasell for shrinkage recommendations. |               |       |          |

#### Notes

Typical properties; not to be construed as specifications.

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- Equistar Chemicals, LP
- Basell Sales & Marketing Company B.V.
- Basell Asia Pacific Limited
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Users should review the applicable Material Safety Data Sheet before handling the product.

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