

## Technical Data Sheet

### *Sequel* 1823-UV 7C45

Polypropylene Compounds



#### Product Description

*Sequel* 1823-UV 7C45 is a mineral filled thermoplastic elastomeric olefin (TEO) resin typically used for exterior molded in color automotive applications. This material exhibits excellent balance of properties and processability.

|                          |                                                                          |
|--------------------------|--------------------------------------------------------------------------|
| <b>Application</b>       | Automotive Parts; Bumpers; Exterior Automotive Applications              |
| <b>Market</b>            | Automotive                                                               |
| <b>Processing Method</b> | Injection Molding                                                        |
| <b>Attribute</b>         | Ductile; Good Dimensional Stability; Good Processability; High Stiffness |

| Typical Properties                                           | Nominal Value | Units             | Test Method   |
|--------------------------------------------------------------|---------------|-------------------|---------------|
| <b>Physical</b>                                              |               |                   |               |
| Melt Flow Rate, (230 °C/2.16 kg)                             | 25            | g/10 min          | ISO 1133-1    |
| Density, (23 °C)                                             | 1.04          | g/cm <sup>3</sup> | ISO 1183-1    |
| <b>Mechanical</b>                                            |               |                   |               |
| Flexural Modulus, (23 °C, 2 mm/min)                          | 1900          | MPa               | ISO 178       |
| Tensile Stress at Yield, (23 °C, 50 mm/min)                  | 19            | MPa               | ISO 527-1, -2 |
| <b>Additional Information</b>                                |               |                   |               |
| Mold Shrinkage                                               |               |                   | ISO 294-4     |
| Please contact LyondellBasell for shrinkage recommendations. |               |                   |               |

#### Notes

These are typical property values not to be construed as specification limits.

