

## Technical Data Sheet

### *Sequel* 1780-UV RXF



Polypropylene Compounds

#### Product Description

*Sequel* 1780-UV RXF engineered polyolefin is typically used for mold-in-color or partially painted automotive exterior applications that require dimensional stability over a broad temperature range with enhanced scratch and mar resistance. This material exhibits excellent processability and low - temperature properties.

|                          |                                                    |
|--------------------------|----------------------------------------------------|
| <b>Application</b>       | Automotive Parts; Exterior Automotive Applications |
| <b>Market</b>            | Automotive                                         |
| <b>Processing Method</b> | Injection Molding                                  |

| Typical Properties                                           | Nominal Value | Units             | Test Method   |
|--------------------------------------------------------------|---------------|-------------------|---------------|
| <b>Physical</b>                                              |               |                   |               |
| Melt Flow Rate, (230 °C/2.16 kg)                             | 16            | g/10 min          | ASTM D1238    |
| Density                                                      | 1.05          | g/cm <sup>3</sup> | ISO 1183-1    |
| <b>Mechanical</b>                                            |               |                   |               |
| Flexural Modulus, (23 °C, 2 mm/min, Chord)                   | 1300          | MPa               | ISO 178       |
| Tensile Stress at Yield                                      | 20            | MPa               | ISO 527-1, -2 |
| <b>Impact</b>                                                |               |                   |               |
| Notched Izod Impact Strength, (23 °C)                        | 48            | kJ/m <sup>2</sup> | ISO 180       |
| <b>Additional Information</b>                                |               |                   |               |
| Mold Shrinkage                                               |               |                   | ISO 294-4     |
| Please contact LyondellBasell for shrinkage recommendations. |               |                   |               |