

## Technical Data Sheet

### Sequel 1825 C2 UV 848 BLK



Polypropylene Compounds

#### Product Description

Sequel 1825 C2 UV 848 BLACK thermoplastic polyolefin is designed for automotive and heavy-truck applications that require energy management combined with ductility, stiffness and impact resistance over a broad temperature range. This material exhibits excellent processability and dimensional stability

|                          |                                                                                                             |
|--------------------------|-------------------------------------------------------------------------------------------------------------|
| <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; Good Stiffness; Low Temperature Impact Resistance |

| Typical Properties                          | Nominal Value | Units             | Test Method   |
|---------------------------------------------|---------------|-------------------|---------------|
| <b>Physical</b>                             |               |                   |               |
| Melt Flow Rate, (230 °C/2.16 kg)            | 15            | g/10 min          | ISO 1133-1    |
| Density, (23 °C)                            | 1.16          | g/cm <sup>3</sup> | ISO 1183-1    |
| <b>Mechanical</b>                           |               |                   |               |
| Flexural Modulus                            | 2400          | MPa               | ISO 178       |
| Tensile Stress at Yield, (23 °C, 50 mm/min) | 19            | MPa               | ISO 527-1, -2 |
| <b>Impact</b>                               |               |                   |               |
| Notched Izod Impact Strength, (23 °C)       | 30            | kJ/m <sup>2</sup> | ISO 180/1A    |