

## Technical Data Sheet

### *Circulen*Recover PPC TRC 2315P E C11544



Polypropylene Compounds

#### Product Description

*Circulen*Recover PPC TRC 2315P E is a 20% talc filled PP copolymer, offering excellent impact/stiffness balance & dimensional stability, combined with very good UV resistance & surface appearance.

The product is typically used by customers in grained applications, such large exterior parts.

#### Sustainability

According with the requirements of Standard ISO 14021:2016, this material contains at least 20% of recycled material that is fully based on Pre-Consumer Waste from material diverted from waste stream during the manufacturing process.

|                          |                                                                                                                                                                                       |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Application</b>       | Automotive Parts; Exterior Automotive Applications; Exterior Trim                                                                                                                     |
| <b>Market</b>            | Automotive                                                                                                                                                                            |
| <b>Processing Method</b> | Injection Molding                                                                                                                                                                     |
| <b>Attribute</b>         | Ductile; Good Abrasion Resistance; Good Color Stability; Good Dimensional Stability; Good Flow; Good Stiffness; Good Surface Finish; Impact Modified; Scratch Resistant; UV Resistant |

| Typical Properties                 | Nominal Value | Units             | Test Method  |
|------------------------------------|---------------|-------------------|--------------|
| <b>Physical</b>                    |               |                   |              |
| Melt Flow Rate, (230 °C/2.16 kg)   | 18            | g/10 min          | ISO 1133-1   |
| Density, (23 °C)                   | 1.05          | g/cm <sup>3</sup> | ISO 1183-1/A |
| <b>Mechanical</b>                  |               |                   |              |
| Flexural Modulus, (23 °C, Tech. A) | 1700          | MPa               | ISO 178/A1   |
| <b>Impact</b>                      |               |                   |              |
| Charpy Impact Strength - Notched   |               |                   |              |
| (23 °C)                            | 20            | kJ/m <sup>2</sup> | ISO 179      |
| (-30 °C)                           | 3             | kJ/m <sup>2</sup> | ISO 179      |