

## Technical Data Sheet

### Hostacom ERG 393F C12507



Polypropylene Compounds

#### Product Description

Hostacom ERG 393F C12507 is a 20% glass fiber reinforced PP copolymer, with good stiffness and good impact resistance and high flowability. This grade shows very good surface quality on grained parts. Material provides high melt strength, good melt elongational behavior and is tailor-made for foam injection molding. This product is also available in other colors, new colors can be developed depending on customer requirements.

*This grade is not intended for medical, pharmaceutical, food and drinking water applications.*

|                          |   |
|--------------------------|---|
| <b>Application</b>       | Automotive Parts; Interior Automotive Applications; Underhood                   |
| <b>Market</b>            | Automotive  |
| <b>Processing Method</b> | Injection Molding   |
| <b>Attribute</b>         | Excellent Processability; Foamable; Good Impact Resistance; Good Surface Finish |

| Typical Properties                        | Nominal Value | Units                   | Test Method   |
|---|---------------|-------------------------|---------------|
| <b>Physical</b>                           |               |                         |               |
| Melt Flow Rate, (230 °C/2.16 kg)          | 22            | g/10 min                | ISO 1133-1    |
| Melt Volume Flow Rate, (230 °C/2.16 kg)   | 26            | cm <sup>3</sup> /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)        | 4400          | MPa                     | ISO 178/A1    |
| Tensile Modulus, (23 °C)                  | 4500          | MPa                     | ISO 527-1, -2 |
| Tensile Stress at Break, (23 °C)          | 60            | MPa                     | ISO 527-1, -2 |
| Tensile Strain at Break, (23 °C)          | 3             | %                       | ISO 527-1, -2 |
| <b>Impact</b>                             |               |                         |               |
| Charpy Impact Strength - Notched, (23 °C) | 8             | kJ/m <sup>2</sup>       | ISO 179-1/1eA |