

## Technical Data Sheet

### Hifax TRC 280X T 2077 (JA6)

Polypropylene Compounds



#### Product Description

Hifax TRC 280X T 2077 is a 30% talc filled PP copolymer, with high melt flow rate, high stiffness, and good impact resistance. Product is available as a customized color matched, pellet form. This grade is delivered in 2077 color version.

|                   |                                                   |
|-------------------|---------------------------------------------------|
| Application       | Exterior Automotive Applications                  |
| Market            | Automotive                                        |
| Processing Method | Injection Molding                                 |
| Attribute         | Good Impact Resistance; Good Stiffness; High Flow |

| 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)                                          | 1.14          | g/cm <sup>3</sup> | ISO 1183-1/A  |
| <b>Mechanical</b>                                         |               |                   |               |
| Flexural Modulus                                          | 2700          | MPa               | ISO 178       |
| Tensile Stress at Yield                                   | 22            | MPa               | ISO 527-1, -2 |
| <b>Impact</b>                                             |               |                   |               |
| Notched Izod Impact Strength, (23 °C)                     | 10            | kJ/m <sup>2</sup> | ISO 180/1A    |
| <b>Thermal</b>                                            |               |                   |               |
| Deflection Temperature Under Load, (0.45 MPa, Unannealed) | 118           | °C                | ISO 75B-1, -2 |

#### Notes

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

