

## Technical Data Sheet

### Hifax TRC 447X BLACK

Polypropylene Compounds



#### Product Description

Hifax TRC 447X BLACK is a 22% talc filled PP copolymer, with high flowability and high stiffness. Product is available in black color, pellet form.

|                   |                   |
|-------------------|-------------------|
| Application       | Exterior Trim     |
| Market            | Automotive        |
| Processing Method | Injection Molding |

| Typical Properties                 | Nominal Value | Units             | Test Method   |
|------------------------------------|---------------|-------------------|---------------|
| <b>Physical</b>                    |               |                   |               |
| Melt Flow Rate, (230 °C/2.16 kg)   | 21            | 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) | 2300          | MPa               | ISO 178/A1    |
| Tensile Stress at Yield, (23 °C)   | 19            | MPa               | ISO 527-1, -2 |
| Tensile Strain at Break, (23 °C)   | 20            | %                 | ISO 527-1, -2 |
| <b>Impact</b>                      |               |                   |               |
| Charpy Impact Strength - Notched   |               |                   |               |
| (23 °C)                            | 15            | kJ/m <sup>2</sup> | ISO 179-1/1eA |
| (-30 °C)                           | 4             | kJ/m <sup>2</sup> | ISO 179-1/1eA |

