

## Hifax TRC 835P

### Compounded Polyolefin

#### Product Description

Hifax TRC 835P high melt flow, medium high flexural modulus, precolored, UV-stabilized, mineral-filled, paintable thermoplastic elastomeric olefin (TEO) resin has a very good balance of properties. It was designed primarily for automotive exterior trim applications.

#### Product Characteristics

|                                      |                                                                     |
|--------------------------------------|---------------------------------------------------------------------|
| <b>Status</b>                        | Commercial: Active                                                  |
| <b>Test Method used</b>              | ISO                                                                 |
| <b>Processing Methods</b>            | Injection Molding                                                   |
| <b>Features</b>                      | High Impact Resistance , Good Moldability , Good Weather Resistance |
| <b>Typical Customer Applications</b> | Exterior Applications                                               |

| Typical Properties                                                        | Method        | Value | Unit              |
|---------------------------------------------------------------------------|---------------|-------|-------------------|
| <b>Physical</b>                                                           |               |       |                   |
| Melt Flow Rate (230°C/2.16kg)                                             | ASTM D 1238   | 38    | g/10 min          |
| Density (23°C)                                                            | ISO 1183      | 1.03  | g/cm <sup>3</sup> |
| <b>Mechanical</b>                                                         |               |       |                   |
| Tensile Stress at Yield (23 °C)                                           | ISO 527-1, -2 | 19.5  | MPa               |
| Tensile Strain at Yield (23 °C)                                           | ISO 527-1, -2 | 8.0   | %                 |
| Flexural modulus (23 °C)                                                  | ISO 178       | 1800  | MPa               |
| <b>Impact</b>                                                             |               |       |                   |
| Instrumented dart impact (-15 °C)                                         | ASTM D 3763   | 26    | J                 |
| <i>Note: Ductile Failure Mode</i>                                         |               |       |                   |
| <b>Thermal</b>                                                            |               |       |                   |
| Heat deflection temperature B (0.45 MPa) Unannealed                       | ISO 75B-1, -2 | 90    | °C                |
| <b>Additional Information</b>                                             |               |       |                   |
| Mold shrinkage                                                            | ISO 294-4     |       |                   |
| <i>Note: Please contact LyondellBasell for shrinkage recommendations.</i> |               |       |                   |

#### Notes

Typical properties; not to be construed as specifications.

