

# Hifax TYC 459P 3004

Polypropylene Copolymer  
LyondellBasell Industries

Message:  
PP/EPR-Blend, 20% mineralfilled, impact modified, UV-stabilized, with ultra low shrinkage and very high flowability for unpainted automotive exterior applications. Colour matched.

| General Information                  |  |                   |              |
|--------------------------------------|--|-------------------|--------------|
| Filler / Reinforcement               | Mineral,20% Filler by Weight                         |                   |              |
| Additive                             | Impact Modifier<br>UV Stabilizer                     |                   |              |
| Features                             | High Flow<br>Impact Modified<br>Low Shrinkage        |                   |              |
| Uses                                 | Automotive Applications<br>Automotive Exterior Parts |                   |              |
| Appearance                           | Colors Available                                     |                   |              |
| Physical                             | Nominal Value  | Unit              | Test Method  |
| Density                              | 1.05   | g/cm <sup>3</sup> | ISO 1183/A   |
| Melt Mass-Flow Rate (MFR)            | 27   | g/10 min          | ISO 1133     |
| Mechanical                           | Nominal Value  | Unit              | Test Method  |
| Tensile Stress (Yield, 23°C)         | 17.0   | MPa               | ISO 527-2/50 |
| Tensile Strain (Break, 23°C)         | 40   | %                 | ISO 527-2/50 |
| Flexural Modulus <sup>1</sup> (23°C) | 2100   | MPa               | ISO 178      |
| Impact                               | Nominal Value  | Unit              | Test Method  |
| Charpy Notched Impact Strength       |  |                   | ISO 179/eA   |
| -30°C                                | 3.0  | kJ/m <sup>2</sup> |              |
| 23°C                                 | 26   | kJ/m <sup>2</sup> |              |
| NOTE                                 |  |                   |              |
| 1.                                   | 2.0 mm/min   |                   |              |

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