

# Hifax TYC 852X E

Polyolefin

LyondellBasell Industries

## Message:

TYC852X E is a low CLTE, high fluidity, high impact grade designed to be used for exterior automotive parts

| General Information                       |  |                   |              |
|---|--|-------------------|--------------|
| Features                                  | Good Dimensional Stability<br>High Flow<br>High Impact Resistance<br>High Rigidity<br>High Stiffness |                   |              |
| Uses                                      | Automotive Applications<br>Automotive Exterior Parts   |                   |              |
| Processing Method                         | Injection Molding  |                   |              |
| Physical                                  | Nominal Value  | Unit              | Test Method  |
| Density                                   | 1.06   | g/cm <sup>3</sup> | ISO 1183     |
| Melt Mass-Flow Rate (MFR) (230°C/2.16 kg) | 30   | g/10 min          | ISO 1133     |
| Mechanical                                | Nominal Value  | Unit              | Test Method  |
| Tensile Stress (Yield, 23°C)              | 20.0   | MPa               | ISO 527-2/50 |
| Flexural Modulus (23°C)                   | 2000   | MPa               | ISO 178      |
| Impact                                    | Nominal Value  | Unit              | Test Method  |
| Notched Izod Impact Strength              |  |                   | ISO 180/1A   |
| -40°C                                     | 3.5  | kJ/m <sup>2</sup> |              |
| 23°C                                      | 35   | kJ/m <sup>2</sup> |              |

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