

## Technical Data Sheet

### Hifax TYC 1342P JA6A Black



Polypropylene Compounds

#### Product Description

Hifax TYC 1342P JA6A Black very high melt flow, 1,650 MPa flexural modulus, low density mineral filled, thermoplastic elastomeric olefin (TEO) resin. Enables part weight reduction and associated savings while maintaining all of the performance of traditional, higher density products. It has excellent UV performance, balance of properties and processability, and is typically used for MIC automotive bumper fascias and exterior trim applications.

|                   |                                                                                                                   |
|-------------------|-------------------------------------------------------------------------------------------------------------------|
| Application       | Automotive Parts; Bumpers; Exterior Automotive Applications                                                       |
| Market            | Automotive                                                                                                        |
| Processing Method | Injection Molding                                                                                                 |
| Attribute         | Good Dimensional Stability; Good Processability; High Impact Resistance; Low Density; Low Shrinkage; UV Resistant |

| Typical Properties                                           | Nominal Value | Units             | Test Method   |
|--------------------------------------------------------------|---------------|-------------------|---------------|
| <b>Physical</b>                                              |               |                   |               |
| Melt Flow Rate, (230 °C/2.16 kg)                             | 30            | g/10 min          | ASTM D1238    |
| Density, (23 °C, Method A)                                   | 1.01          | g/cm <sup>3</sup> | ISO 1183-1    |
| <b>Mechanical</b>                                            |               |                   |               |
| Flexural Modulus, (23 °C)                                    | 1650          | MPa               | ISO 178       |
| Tensile Stress at Yield, (23 °C)                             | 19.2          | MPa               | ISO 527-1, -2 |
| <b>Impact</b>                                                |               |                   |               |
| Charpy Impact Strength - Notched                             |               |                   |               |
| (23 °C)                                                      | 38            | kJ/m <sup>2</sup> | ISO 179       |
| (-40 °C)                                                     | 4.1           | kJ/m <sup>2</sup> | ISO 179       |
| <b>Additional Information</b>                                |               |                   |               |
| Mold Shrinkage                                               |               |                   | ISO 294-4     |
| Please contact LyondellBasell for shrinkage recommendations. |               |                   |               |