

## Hifax CA 1110 A3-LS

### Compounded Polyolefin

#### Product Description

Hifax CA 1110 A3-LS medium high melt flow, 1,000 MPa flexural modulus, mineral-filled thermoplastic elastomeric olefin (TEO) resin has a good combination of properties and processability. It was designed primarily for painted automotive bumper fascias.

#### Product Characteristics

|                               |                                                                       |
|-------------------------------|-----------------------------------------------------------------------|
| Status                        | Commercial: Active                                                    |
| Test Method used              | ISO                                                                   |
| Processing Methods            | Injection Molding                                                     |
| Features                      | Good Impact Resistance , Good Moldability , Paintable, Good Stiffness |
| Typical Customer Applications | Bumpers                                                               |

| Typical Properties                                                                  | Method        | Value | Unit              |
|-------------------------------------------------------------------------------------|---------------|-------|-------------------|
| <b>Physical</b>                                                                     |               |       |                   |
| Melt Flow Rate (230°C/2.16kg)                                                       | ASTM D 1238   | 14    | g/10 min          |
| Density (23 °C)                                                                     | ISO 1183      | 0.99  | g/cm <sup>3</sup> |
| <b>Mechanical</b>                                                                   |               |       |                   |
| Tensile Stress at Yield (23 °C)                                                     | ISO 527-1, -2 | 17    | MPa               |
| Flexural modulus (23 °C, 2mm/min, Chord)                                            | ISO 178       | 1000  | MPa               |
| <b>Impact</b>                                                                       |               |       |                   |
| Notched izod impact strength (23 °C)                                                | ISO 180       | 38    | kJ/m <sup>2</sup> |
| <b>Additional Information</b>                                                       |               |       |                   |
| Mold shrinkage                                                                      | ISO 294-4     |       |                   |
| Note: Please contact a LyondellBasell representative for shrinkage recommendations. |               |       |                   |

#### Notes

Typical properties; not to be construed as specifications.

