

# HM8355 (BL4)

HM-8355(BL4) is a Blow molding grade resin which is manufactured by suspension polymerization of ethylene monomer. HM-8355 (BL4) is a bi-modal high density polyethylene with Butene-1 as co monomer with general purpose of large container.

| Resin Properties  | Unit              | Typical Value | Test Method |
|-------------------|-------------------|---------------|-------------|
| Melt Index (2.16) | g/10 min          | 9.5           | ISO 1133    |
| Melt Index (5)    | g/10 min          | 0.35          | ISO 1133    |
| FRR (21.6/5)      | -                 | 27            | -           |
| Density           | g/cm <sup>3</sup> | 0.951         | ISO 1183    |
| Swell Ration      | %                 | 110           |             |

| Molded Properties     | Unit               | Typical Value | Test Method |
|-----------------------|--------------------|---------------|-------------|
| Notched Impact @ 23°C | mJ/mm <sup>2</sup> | 10            | ISO 179/ 1  |

## Characteristic Properties

- High molar mass, easily processable high stiffness Strength
- Good stress Cracking resistance and very good molding surface finish.

**Density: 0.949-0.953 g/cm<sup>3</sup>**

## Main Applications

- General purpose grade for large container up to 100 liters.

**MFR: 190/5: 0.29-0.41**

## Additives

- Antioxidant/Process stabilizer
- Lubricant /acid scavengerr

