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JAM PETROCHEMICAL COMPANY

## HIGH DENSITY POLYETHYLENE HDPE 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 comonomer with general purpose of large container.

| Producer | Characteristic Properties   | Applications  | Additive  |
|----------|---|---|---|
| JAM      | High molar mass, easy to process, strong- Resists cracking, molds well. | General purpose grade for large container up to 100 liters. | Antioxidant/Process stabilizer - Lubricant /acid scavengerr |

### Typical Properties

| 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           |               |
| Notched Impact @ 23 °C | mJ/mm <sup>2</sup> | 10            | ISO 179/ 1 eA |