

# AMIR KABIR PETROCHEMICAL COMPANY

## HDPE BL4 (GM 8255)

High Density Polyethylene

A M I R K A B I R P E T R O C H E M I C A L C O M P A N Y

### 1 Product Description:

"BL4 (GM 8255)" is a high density polyethylene with Butene-1 as comonomer. It is a high molar mass, easily process able, High stiffness and impact good stress cracking resistance (ESCR) and even good moulding surface finish. Stabilization: Ca-Stearate, Irganox1010, Irgafos168

### 2 Applications:

- General purpose grade for containers from 1 liter to about 500 liters capacity.



HDPE

| No. | Property                | Units              | Test Method     | Value       |
|-----|-------------------------|--------------------|-----------------|-------------|
| 1   | MFI(190 °C/5Kg)         | g/10min            | ISO 1133        | 0.35±0.06   |
| 2   | MFI(190 °C/21.6Kg)      | g/10min            | ISO 1133        | 8.5±2.0     |
| 3   | FRR21.6/5               | ----               | ----            | 24          |
| 4   | Density                 | g/cm <sup>3</sup>  | ISO 1183        | 0.952±0.002 |
| 5   | Notched Impact Strength | mJ/mm <sup>2</sup> | ISO179/1eA      | 25          |
| 6   | Swell Ratio             | %                  | Internal Method | 140±20      |

Typical properties:  
these are not to be construed as specifications.

