

# 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.



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.



AKPC

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