

# INTRODUCTION OF PETROCHEMICAL PRODUCTS

## HIGH DENSITY POLYETHYLENE (H.D.P.E)

# BL3 (HF 4760)

BLOW MOLDING GRADE / BAKHTAR, MAROON, JAM, AMIRKABIR Pet.Co.

DATASHEET	VALUE	UNIT	TEST CONDITIONS	TEST METHOD
Density	0.952 - 0.956	g/cm <sup>3</sup>		ISO 1183
Flow Rate Ratio (FRR)	16 - 22		21.6/5	
MFI	0.3 - 1.5	g/10min	At 5Kg Load, 190°C	ISO 1133
MFI	19 - 27	g/10min	At 21.6Kg Load, 190°C	ISO 1133
Swell Ratio	95 - 125	%		
Charpy Impact Notched	9 - 10	kJ/m <sup>2</sup>	at +23°C	ISO 179/1eA
ESCR	2	h	plax (70°C, 0.5bar), ≥2	
Yellow Index	4		≤4	DIN 6167

- Manufacturer: Maroon, Bakhtar, Jam, Amirkabir Pet.co
- Application: Thermoforming sheets, Bottles, Medicine bottles, Storage containers or Tanks
- Process: Blow Molding
- Bakhtar Pet.co. Additives : Lubricant, Antioxidant
- Jam Pet.co. Additives : Lubricant, Antioxidant, Scavenger Acid
- Amirkabir Pet.co. Additives: Thermal Stabilizer, Antioxidant
- Features: Good impact strength, Good flowability, Good stiffness, Wide molecular weight distribution, Grade in contact with food, Good resistance to cracking caused by environmental stresses (ESCR)

\* Typical values not to be construed as specifications.

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