

# INTRODUCTION OF PETROCHEMICAL PRODUCTS

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

# HB 0035

## BLOW MOLDING GRADE / BANDAR-E-EMAM Pet.Co.

DATASHEET	VALUE	UNIT	TEST CONDITIONS	TEST METHOD
Ash Content	0.06	WT.%	Maximum Value	ASTM D1063
Density	0.959	g/cm <sup>3</sup>		ASTM D1505
MFI	0.35	g/10min	At 2.16Kg Load , 190°C	ASTM D1238
Volatiles	0.05	%	Maximum Value	ASTM D1960
ESCR	15	h		ASTM D1693
Izod Impact Strength, Notched	245	J/m	Minimum Value	ASTM D256
Tensile Elongation at Break	900	%	Minimum Value	ASTM D638
Tensile Strength at Break	28.43	MPa	Minimum Value	ASTM D638
Melting Point	130	C°		ASTM D2117
Vicat Softening Point	126	C°		ASTM D1525
Yellow Index	-5		Maximum Value	ASTM D1925

- Manufacturer: Bandar-e-Emam Pet.co.
- Application: Bottles, Storage containers or Tanks
- Process: Blow Molding
- Additives : Antioxidant
- Features: Good impact strength, Good stiffness, High molecular weight, Good resistance to cracking caused by environmental stresses (ESCR)

\* Typical values not to be construed as specifications.

**PETRO BAMDAD AZARAN**  
ENGINEERING & TRADING CO

Add: No.148, Motahari St., Tehran, Iran -- Tel: +98 21 87700799 -- Email/Web:  
info@petrobam.com/www.petrobam.com