

INTRODUCTION OF PETROCHEMICAL PRODUCTS  
HIGH DENSITY POLYETHYLENE (H.D.P.E)

# HM-CRP 100 N (PE100)

## PIPE GRADE / JAM Pet.Co.

DATASHEET	VALUE	UNIT	TEST CONDITIONS	TEST METHOD
Density	0.948	g/cm <sup>3</sup>		ISO 1183
FRR	28		21.6 / 5	
Hydrostatic Strength	5000	h	@4.5 N/mm <sup>2</sup> & 80 °C	ISO 1167
MFR	6.2	g/10 min	190 °C / 21.6	ISO 1133
MFR	0.22	g/10 min	190 °C / 5	ISO 1133
Notched Impact	24	mJ/m <sup>2</sup>	@ 23 °C	ISO 179/1eA

- Manufacturer: Jam Pet.Co.
- Application: Pipe, Water and Sewage Pipe, Gas Pipe, High Pressure Pipe.
- Process: Extrusion
- Additives : Lubricant (processing aid), Antioxidant (process stabilizer), Scavenger Acid
- Features: Good Impact strength, Good Resistance to Cracking Caused by Environmental Stresses (ESCR)

- Test specimen from compression moulded sheet at 23°C.
- FRR values are statistical and calculated by dividing MFR values.
- Notch Impact Test specimen from compressed moulded sheet 23°C and The data quoted are average values.

\* 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