



BEHDAD PLAST

HIGH DENSITY POLYETHYLENE

PE100 PIPE GRADE

Behdadplast supplies HDPE PE100 (CRP100 Black & Natural) for pressure pipe applications, sourced directly from top Iranian petrochemical complexes including Jam and Shazand.

No.	PROPERTY	VALUE	TEST METHOD
1	MFR @ 190C, 5 kg	1.13 g/10min	ASTM D 1238
2	MFR @ 190 °C, 21.6 kg	22.8 g/10min	ASTM D 1238
3	MFR @ 190 °C, 2.16 kg	0.25 g/10min	ASTM D 1238
4	FRR (21.6/5.0) 50	20.2	ISO 1183-1
5	Density @ 23°C	0.959 g/cm ³	ISO 1183-1'
6	Bulk Density	0.619 g/cm ³	ASTM D 1895
7	Impact Strength (Charpy, 23°C)	12.7 mJ/mm ²	ASTM 179/eA
8	Carbon Black Content	2.3 %	ISO 179 4218
9	Carbon Black Dispersion	Max 3	BS 2782
10	Volatiles	459 ppm	Hoechst Method
11	Vicat Softening Temperature (B50)	123°C	ASTM D 1525
12	OIT	67 min	ASTM D 3895
13	Melting Point (DSC)	130°C	ISO 11337-3

KEY BENEFITS

- Consistent export-grade quality
- High resistance to pressure and UV radiation
- Certified batch analysis available upon request
- Fast delivery (7-10 days) via rail or truck
- Competitive CPT/CFR pricing to Central Asia

DELIVERY TERMS

CPT / CFR (can be customized according to destination)
Mode of Transport: Primarily Rail, with Road as an Optional choice



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