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HIGH-DENSITY POLYETHYLENE ARM CRP100B

" ARMCRP100B " are high molecular weight high-density polyethylene copolymers, developed as general purpose resin for use in pressure and non-pressure pipes. A minimum service life of 50 years is achievable under appropriate pressure and temperature conditions. ARMCRP100B will provide excellent resistance to the effects of ultraviolet light exposure in outdoor applications.

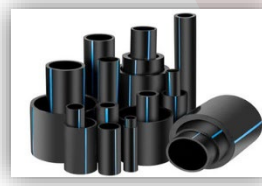
Producer:

Shazand Petrochemical Company

NO	Property	Value	Units	Test Method
1	MFI@190°C, 5.0Kg	0.22	gr/10min	ASTM 1238
2	MFI@190°C, 21.6Kg	6.2	gr/10min	ASTM 1238
3	FRR(21.6/5.0)	28	-----	-----
4	Mass Density(23OC)	0.957	gr/cm ³	ISO 1183-1
5	Bulk Density	0.605	gr/cm ³	ASTM D D1829
6	Carbon Black Content	2.3	%	ASTM D 4218
7	Carbon Black Dispersion	max 3	Rating	BS-2782
8	Impact Strength (Charpy Index@23c°)	>20	mj/mm ²	ISO 179/1eA
9	Hydrostatic Strength (80°C/5.5MPa)	>165	hr	ISO 11677
10	Volatiles	349	ppm	Basel Method
11	Contamination	2	Rating	Hoechst Method
12	Vicat Softening Temperature, (B50)	75	°C	ASTM D D1525
13	Oxidation Induction Time, (210 °C)	>25	min	ASTM D 3895
14	DSC Melting Point	130	°C	-----
15	Shore Hardness, (Shore D, 3 sec)	63	-----	ASTM D 2240

Applications:

- Suitable for use in transport of a wide range of fluids for industrial, rural and mining applications.
- Suitability for use in any application should be determined by appropriate performance testing.
- Suitable for food contact.



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