

CRP100B High-Density Polyethylene

- Test specimen from compression molded sheet at 230°C.
- FRR values are statistical and calculated by dividing MFR values.
- Test specimen from compressed molded sheet 23°C sheet 23°C.
- The data quoted are average values

Applications:

Top quality PE100 pressure pipes for gas and water transportation at higher pressures or with thinner walls as PE80.

No.	Property	Value	Units	Test Method
1	MFI @ 190°C, 5.0 kg	0.22	gr/10min	ASTM 1238
2	MFI @ 190°C, 21.6 kg	6.2	gr/10min	ASTM 1238
3	FRR (21.6/5.0)	28		
4	Mass Density (23°C)	0.957	gr/cm ³	ISO 1183-1
5	Bulk Density	0.605	gr/cm ³	ASTM D1829
6	Carbon Black Content	2.3	%	ASTM D4218
7	Carbon Black Description	Max 3	Rating	BS-2782
8	Impact Strength (Charpy Index @ 23°C)	>20	mj/mm ²	ISO 179/1eA
9	Hydrostatic Strength (80°C/5.5MPa)	>165	hr	ISO 11677
10	Volatiles	349	ppm	Basel Method



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