

Technical Datasheet HMCRP100N

1) Product Description:

HM CRP 100N is a natural color high density polyethylene with 1-Butene as co monomer. It combines outstanding ESCR, high impact strength, outstanding hydrostatic strength for PE 100 class.

1) Applications:

- Pipe extrusion PE 100 class
- Industrial and pressure pipe, Gas pipe, drinking water pipe

2) Typical data:

PROPERTY	TEST METHOD	UNIT	TYPICAL VALUE*
Density	ISO 1183	g/m ³	0.948
MFR (190°C/5kg)	ISO 1133	g/10 min	0.22
MFR (190°C/21.6kg)	ISO 1133	g/10 min	6.2
FRR (21.6kg/5kg) **	--	--	27
Notched Impact (23°C)***	ISO 179/1 eA	MJ/mm ²	> 24
Hydrostatic Strength (80°C)	ISO 1167	H	5000

* Typical values not to be construed as specifications.

** FRR values are statistical and calculated by dividing MFR values

*** Test specimen from compressed moulded sheet 23°C