

HDPE made via Hostalen Process


Product data sheet
HM CRP
100 Black

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

HDPE: HM CRP 100 Black
Density: 0.955-0.960
MFI: 0.22±0.02
Features


Applications


- Top quality PE100 pressure pipes

Additives


- Antioxidant / Process stabilizer
- Lubricant (processing aid) / acid scavenger
- COLOR AGENT

Material properties (This data are typical values and are not to be construed as product specifications.)

Test/Composition	Typical Value	Unit	Method
Density	0.955-0.960	g/cm ³	ISO 1183
FRR 21.6/5	28		
Hydrostatic Strength(80 °C)	5000 (4.5 N/mm ²)	h	ISO1167
MFR 190° /21.6	6.2	g/10min	ISO1133
MFR190° /5	0.22	g/10min	ISO1133
Notched Impact (23 °c)	24	mJ/mm ²	ISO179/1eA

- 1) Test specimen from compression moulded sheet at 23 °C.
- 2) FRR values are statistical and calculated by dividing MFR values
- 3) Test specimen from compressed moulded sheet 23 °C sheet 23 °C
- 4) The data quoted are average values
- 5) The data quoted are average values