

Globally Distinguished

## 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



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#### 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 <sup>3</sup>  | ISO 1183   |
| FRR 21.6/5                 | 28                            |                    |            |
| Hydrostatic Strength(80°C) | 5000 (4.5 N/mm <sup>2</sup> ) | 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 <sup>2</sup> | 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