

Technical Data Sheet

HM –CRP 100 (N)

High Density Polyethylene

"HM-CPR 100 (N)" is a high density polyethylene with Butene-1 as co monomer. The product is classified as PE100 and shows good stress crack resistance properties (ESCR) combined with good impact strength.

Applications:

- Top quality PE100 pressure
- Pipes for gas and water transportation at higher pressures or with thinner walls as PE80 (UV stabilization and/ or pigments during processing)

Properties	Value	Units	Test Method
MFR (190 °C/5Kg)	0.22	g/10 min	ISO 1133
MFR (190 °C/21.6Kg)	6.2	g/10 min	ISO 1133
FRR 21.6/5	28	-	-
Density	0.948	g/cm3	ISO 1183
Notched Impact Strength	24	MJ/mm2	ISO179/1EA
Hydrostatic Strength (80 °C)	5000 (4.5 Nmm2)	h	ISO 1167