PRODUCT DATA SHEET

HMCRP100N (PE100)

HM-CRP100N (PE100) is a natural pipe grade resin which is manufactured by suspension polymerization of ethylen monomer, HM-CRP100N(PE100) is a bi-model high density polyethylene with 1-Butene as co monomer.

HDPE: HMCRP100N (PE100)

Characteristic Properties

- Natural PE100 pipe resin.

Density: 0.946-0.950 g/cm³

Main Applications

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

MFR: 190/5: 0.19-0.25

Additives

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

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

Test/Composition	Typical Value	Unit	ASTM Method
Density	0.948	g/ml³	ISO1183
FRR 21.6/5	28		
Hydrostatic Strength (80°c)	5000 (4.5N/mm2)	h	ISO1167
MFR190°/21.6	6.2	g/10 min	ISO1133
MFR190°/5	0.22	g/10 min	ISO1133
Notched Impact (23°c)	24	mJ/mm²	ISO179/1eA

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











