

HDPE made via Hostalen Process

HMCRP 100N (PE100)

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

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)

Density: 0.946-0.950 g/cm³

Additives

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

Test/Composition	Typical Value	Unit	ASTM Method
Density	0.948	g/ml ³	ISO1183
FRR 21.6/5	28		
Hydrostatic Strength (80°c)	5000 (4.5N/mm ²)	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/mm ²	ISO179/1eA