

## 1 Product description:

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.

## 2 Technical Data

### ◆ HDPE: HMCRP100N (PE100)

**Characteristic Properties**  
Natural PE100 pipe resin

#### ◆ Density: 0.946-0.950 g/cm<sup>3</sup>

##### 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/cm<sup>3</sup>

##### Additives

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

Test/Composition	Unit	Typical Value	ASTM Method
Density	g/m/3	0.948	ISO1183
FRR 21.6/5	-	28	-
Hydrostatic Strength (80°C)	h	5000 (4.5N/mm <sup>2</sup> )	ISO1167
MFR190"/21.6	g/10 min	6.2	ISO1133
MFR190°/5	g/10 min	0.22	ISO1133
Notched Impact (23°C)	mJ/mm <sup>2</sup>	24	ISO179/1eA

VİRA PROSHOT KİMYA SANAYİ VE DIŞ TİCARET LİMİTED ŞİRKETİ

Adres : ZÜHTÜPAŞA MAH. ŞEFİKBEY SK. NO: 3 Kadıköy, İstanbul – Türkiye Post Code : 34724