



**OILENCE**  
Oil & Gas Supply

## Product: HMCRP 100N (PE100)

**Density: 0.946 – 0.950 g/cm<sup>3</sup>**

**MFR 190/5: 0.19 – 0.25**

### Characteristic Properties:

-Natural PE100 pipe resin.

### Main Application:

-Top quality PE100 pressure

-Pipe for gas and water transportation at higher pressures or with thinner walls as PE80 (UV stabilization and/ or pigments during precessing)

### Additives:

-Antioxidant / Process stabilizer

-Lubricant (processing aid) / acid scavenger

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

Test/Composition	Typical Value	Unit	ASTM Method
Density	0.948	g/ml <sup>3</sup>	ISO 1183
FRR 21.6/5	28		
Hydrostatic Strength (80 °c)	5000(4.5 N/mm <sup>2</sup> )	H	ISO 1167
MFR 190°/21.6	6.2	(g/10 min)	ISO 1133
MFR 190°/5	0.22	(g/10 min)	ISO 1133
Notched Impact (23 °c)	24	Mj/mm <sup>2</sup>	ISO 179/1eA

-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.

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