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HDPE made via Hostalen Process



Product data sheet HMCRP 100 N

- Top quality PE100 pressure pipes for gas and water transportation at higher pressures or with thinner walls as PE80.

HDPE: HMCRP 100 N

Density: 0.948

MFI: 0.22

Features

- Natural PE100 pipe resin.

Applications

- Top quality PE100 pressure
- Pipes

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	Value	Unit	Method
Density	0.948±0.002	g/cm ³	ISO 1183
FRR 21.6/5	27±3		
Hydrostatic Strength(80°C)	5000 (4.5 N/mm ³)	h	
MFR 190° /21.6	6.2±1	g/10min	ISO1133
MFR190° /5	0.22±0.03	g/10min	ISO1133
Notched Impact (23°C)	≥24	kJ/mm ²	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 .