

Technical Datasheet of High Density Polyethylene HDPE PE100 or CRP100

Description:

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

Features:

Natural PE100 pipe resin.

Additives:

Antioxidant/Process stabilizer

Lubricant (processing aid)/ acidscavenger

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	mJ/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 .


Application:

Top quality PE100 pressure
Pipes



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