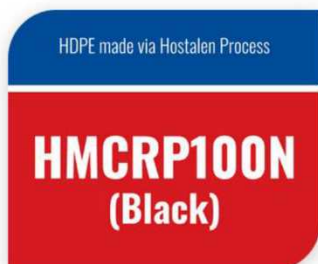


HMCRP100 (Black)



HDPE made via Hostalen

HM-CRP100 Black is a black pipe grade resin (PE100) which is manufactured by suspension polymerization of ethylene monomer. HM-CRP100 Blue is a bi-modal high density polyethylene with 1-Butene as comonomer.

HDPE: HMCRP100 Black (PE100 Black)

Characteristic Properties

Black PE100 resin

Density: 0.955-0.959 g/cm³

Main Applications

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

Density: 0.955-0.959 g/cm³

Additives

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

Test/Composition	Typical Value	Unit	ASTM Method
Density	0.957	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	kJ/mm ²	ISO179/1eA