

HM-CRP100N

Product Description: HM-CRP100 N is a high density polyethylene with 1-Butene as co monomer. It is natural, outstanding ESCR, high impact strength, outstanding hydrostatic strength for PE 100 class.

Application: Pipe extrusion PE 100 class, industrial and pressure pipe, gas pipe, drinking water pipe, relining, fittings.

Processing Conditions: Recommended Extrusion temperature: 190-220 °C.
Recommended injection molding temperature: 200-280 °C.

Typical data: (Table)

Property	Unit	Value	Method
Melt Index (21.6)	g/10 min	6.2±1.0	ISO 1133
Melt Index (5)	g/10 min	0.22 ± 0.03	ISO 1133
FRR (21.6/5)	-	28 ± 3	-
Density	g/cm ³	0.948 ± 0.002 l	ISO 1183
Notched Impact at 23°C	ml/mm ²	24	ISO 179/1
Hydrostatic Strength (80 °C)	h	5000 (4.5 N/mm ²)	ISO 1167