

HM-CRP 100 N

HDPE for Pipe Extrusion



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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

Typical Application

pipe extrusion PE 100 class, industrial and pressure pipe , gas pipe, drinking water pipe, relining , fittings

Resin Properties	Unit	Value	Test 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	ISO 1183
Molded Properties	Unit	Value	Test Method
Notched Impact @ 23 °C	mJ/mm ²	24	ISO 179/1 eA
Mechanical Properties	Unit	Value	Test Method
Hydrostatic Strength (80 °C)	h	5000(4.5 N/mm ²)	ISO 1167

Processing Conditions

Recommended Extrusion temperature: 190-220 °C.

Recommended injection moulding temperature: 200-280 °C.

Viscosity-Shear @ 190 °C

