



# PHOENIX

LAND  
INTERNATIONAL  
TRADING

## Technical Datasheet

- **Grade Name:** HDPE CRP 100 Natural
- **Categories:** Polymer, Thermoplastic, Polyethylene, High Density Polyethylene
- **Processing Methods:** Extrusion
- **Applications:** Pipe extrusion PE 100 class, Water Pipes, Gas Pipes, Industrial & Pressure Pipes
- **Features:** Natural PE 100 pipe resin

Physical Properties			
Properties	Value	Unit	Test Method
MFI( 190°C/21.6 Kg)	6.2	g/10min	ISO 1133
MFI( 190°C/5 Kg)	0.22	g/10min	ISO 1133
Flow Rate Ratio (MFR)(21.6/5)	27	-	-
Density	0.948	g/cm <sup>3</sup>	ISO 1183
Mechanical Properties			
Properties	Value	Unit	Test Method
Impact Notched (+23°C)	24	mJ/mm <sup>2</sup>	ISO 179/1eA
Pipe Hydrostatic Strength (4.5 N/mm <sup>2</sup> & 80°C)	5000	h	ISO 1167

Typical Properties: These values are not to be considered as product specifications.

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