

## Technical Datasheet

- **Grade Name:** HM CRP 100 Black
- **Categories:** Polymer, Thermoplastic, Polyethylene, High Density Polyethylene
- **Processing Methods:** Extrusion
- **Applications:** Pipes, Water Pipes, Gas Pipes, Pressure Pipes
- **Features:** Good Flowability, Good Optical Properties, Good Barrier Properties, Good Moisture Barrier Properties

Physical Properties			
Properties	Value	Unit	Test Method
MFI( 190°C/21.6 Kg)	6.2	g/10min	ISO 1133
MFI( 190°C/5 Kg)	0.2- 0.24	g/10min	ISO 1133
Flow Rate Ratio (MFR)(21.6/5)	28	-	-
Density	0.957	g/cm <sup>3</sup>	ISO 1183
Mechanical Properties			
Properties	Value	Unit	Test Method
Charpy Impact Notched (+23°C)	24	kJ/m <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.

