

Technical Datasheet

- **Grade Name:** HM X3 P100 Natural
- **Categories:** Polymer, Thermoplastic, Polyethylene, High Density Polyethylene
- **Processing Methods:** Extrusion
- **Applications:** Pipes, Pressure Pipes, Pipe Fittings
- **Features:** Good Chemical Resistance, Good Environmental Stress Crack Resistance (ESCR), Food Contact, High Molecular Weight

Physical Properties			
Properties	Value	Unit	Test Method
MFI(190°C/5 Kg)	0.4 ± 0.05	g/10min	ISO 1133
MFI(190°C/21.6 Kg)	12 ± 3	g/10min	ISO 1133
FRR (21.6/5)	28 ± 4	-	-
Density	0.944	g/cm ³	ISO 1183
Mechanical Properties			
Properties	Value	Unit	Test Method
Notched Impact Strength	> 12	mJ/mm ²	ISO 179/1eA
Pipe Evaluation Hydrostatic Strength (80°C , 4N/mm ²)	1000 min	hrs	(DIN 8074 & DIN 8075& ISO 1167)

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

