## Always there is a SOLUTION!





## **Technical Datasheet**

Grade Name: HM X3 P100 Natural

o Categories: Polymer, Thermoplastic, Polyethylene, High Density Polyethylene

o **Processing Methods**: Extrusion

o **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)	$0.4 \pm 0.05$	g/10min	ISO 1133
MFI( 190°C/21.6 Kg)	$12 \pm 3$	g/10min	ISO 1133
FRR (21.6/5)	28 ± 4	\- <u>-</u>	
Density	0.944	g/cm³	ISO 1183
Mechanical Properties			
Properties	Value	Unit	Test Method
Notched Impact Strength	> 12	mJ/mm²	ISO 179/1eA
Pipe Evaluation Hydrostatic Sterngth (80°C , 4N/mm²)	1000 min	hrs	(DIN 8074 & DIN 8075& ISO 1167)

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

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