



# HDPE EX3

## 1 Product Description:

\*EX3 (GM 5010 T2N)\* is a natural colored high density polyethylene with Butene-1 as comonomer. The product is classified as PE100 and shows good stress crack resistance properties (ESCR) combined with good impact strength.  
Stabilization: Ca-Stearate, Zn-Stearate, Irganox1010, Irgafos168

## 2 Applications:

- Pipe Extrusion PE100 Class
- Pressure pipe.
  - Drinking water and gas pipes.
  - Discharge pipes.
  - Sewer pipes and their fittings.
  - For injection moulded and other fittings.
  - Sheets

No.	Property	Unit	Test Method	Value
1	MFR(190 °C/5Kg)	g/10min	ISO 1133	0.45 ± 0.05
2	MFR(190 °C/21.8Kg)	g/10min	ISO 1133	12.0 ± 3.0
3	FRR21.6/5	----	----	28.4
4	Density	g/cm <sup>3</sup>	ISO 1183	0.945 ± 0.002
5	Notched Impact Strength	kJ/m <sup>2</sup>	ISO179/1eA	> 12
6	Pipe Evaluation Hydrostatic Strength (80oc,4N/mm2)	Hours	(DIN 8074 & DIN 8075 & ISO 1167)	1000 min.