

**Technical Data Sheet**

**HDPE EX3**

High Density Polyethylene

"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.

**Applications:**

- Food Grade
- 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

| Properties  | Value       | Units    | Test Method                    |
|---|-------------|----------|--------------------------------|
| MFR (190 °C/5Kg)                                    | 0.45±0.05   | g/10 min | ISO 1133                       |
| MFR (190 °C/21.6Kg )                                | 12.3±3.0    | g/10 min | ISO 1133                       |
| FRR 21.6/5  | 28±4        | ---      | ---                            |
| Density   | 0.945±0.002 | g/cm3    | ISO 1133                       |
| Notched Impact Strength                             | >12         | Mj/mm2   | ISO179/1EA                     |
| Pipe Evaluation Hydrostatic Strength (80 °c, 4Nmm2) | 1000 min    | Hours    | DIN 8074 & DIN 8075 & ISO 1167 |