



## LLDPE 22B03 Linear Low Density Polyethylene Technical Datasheet

### Product Description:

“EX3 (HM 5010 T2N)” is a natural colored high density polyethylene with Butene-1 as comonomer. The product is classified as PE 80 and good stress crack resistance properties (ESCR) combined with good impact strength. Stabilization: Ca-Stearate, Zn-Stearate, Irganox1010, Irgafos168.

### Features:

| Property                              | Test method      | Unit     | value         |
|---------------------------------------|------------------|----------|---------------|
| Melt Flow Rate(MFR)<br>(190°C/21.6kg) | ISO 1133         | g/10min  | 2.8 - 3.1     |
| Density                               | ISO 1183         | gr/ml    | 0.920 - 0.923 |
| Tensile STR.@ Yield                   | ASTM D 882 - 10  | MPa      | 18-21         |
| Tensile STR.@ Break                   | ASTM D 882 - 10  | MPa      | 54-36         |
| Elong.@ Break                         | ASTM D 882 - 10  | %        | 780-990       |
| Elmendorf Tear Strength               | ASTM D 1922 - 09 | g/ 25 µm | 35-325        |

### Applications:

- o High stiffness blown films; blending
- o Lamination/ film
- ☐ Miscellaneous,
- ☐ General purpose cast stretch films
- ☐ Also W&C blend, cast stiff film, diaper backing films



Unit 302, Sheydayee BLD, Sazman AB, Tehranpars

<https://irplastics.com/en>

+98-21-77784838

