



## EX3

High density Polyethylene

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.

### Producer:

Jam Petrochemical Company

No	Property	Value	Units	Test Method
1	Melt Flow Rate(MFR)(190°C/5kg)(190°C21.6kg)	0.45/12	g/10min	ISO 1133
2	Density	0.945	g/cm3	ISO 1183
3	MRS Classification	8	MPa	ISO/TR 9080
4	Hydrostatic strength (80°C)	1000	hr	ISO 1167/DIN 8075
5	Tensile Modulus (23°C,v=50mm/min)	850	MPa	ISO 527-1,2
6	Tensile Stress at yield (23°C,v=50mm/min)	22	MPa	ISO 527-1,2
7	Tensile Stress at yield (23°C,v=50mm/min)	8	%	ISO 527-1,2
8	Charpy Notch Impact Strength (23°C)	12	Kj/m2	ISO 179
9	Hardness Shore D(3 Sec)	60	-	ISO 868
10	Vicat Softening Temperature	67	°C	ISO 306
11	Melting Point	136	°C	ISO 3146

### Applications:

Pipe Extrusion

