



## HDPE EX3

Polyethylene (EX3) (HM 5010 T2N) is a type of colorless heavy polyethylene copolymer of PE80 class. Heavy-duty polyethylene material of EX3 grade with good ESCR and significant impact resistance for the production of pipes for drinking water , Agriculture and sewage as well as their various connections are used.



### MAIN APPLICATIONS :

THE USE OF EX3 MATERIALS IN THE FIELD OF PIPES IS FOR DRINKING WATER, AGRICULTURE AND SEWAGE, AS WELL AS VARIOUS FITTINGS



Resin Properties	Unit	Typical Value	Test Method
Melt Index(21.6)	g/10 min	12	ISO 1133
Melt Index(5)	g/10 min	0.45	ISO 1133
FRR (21.6/5)	-	27	-
Density	g/cm <sup>3</sup>	0.945	ISO 1183
Molded Properties	Unit	Typical Value	Test Method
Notched Impact @ 23 °C	mJ/mm <sup>2</sup>	12	ISO 179/ 1 eA
Mechanical Properties	Unit	Typical Value	Test Method
Hydrostatic Strength (80 °C)	h	(4.0 N/mm <sup>2</sup> ) 1000	ISO 1167

