

VP-HD-EX3

Description:

VP-HD-EX3 (GM 5010 T2N) is a natural colored high density polyethylene with The product is classified as PE100 and shows good stress crack resistance properties (ESCR) combined with good impact strength.

Features	Applications	Packaging
High density, good impact strength, and good stress cracking resistance.	Pipe extrusion PE100 class Pressure pipes Drinking water and gas pipes Discharge pipes Sewer pipes and their fittings For injection moulded and other fittings Sheets	Supplied in the form of pellets, or in bulk, or in 25 Kg bags.

Physical properties	Unit	Typical value	Test method
MFR (190 °C / 5 Kg)	g/10min.	0.40 - 0.50	ISO 1133
MFR (190 °C / 21.6 Kg)	g/10min.	9 - 15	ISO 1133
FRR (MFR 21.6 Kg / MFR 5 Kg)	-	24 - 32	ISO 1133
Density	g/cm ³	0.943 - 0.947	ISO 1183
Mechanical properties	Unit	Typical value	Test method
Notched impact strength	mj/mm ²	> 12	ISO179/1eA
Pipe evaluation hydrostatic strength (80 °C, 4N/mm ²)	hours	>1000	DIN 8074 & DIN 8075 & ISO 1167