



HDPE for Pipe Extrusion HM-5010T2N(EX3)

Product Description

HM-5010T2N (PE80) is a pressure pipes grade for gas and water transportation. UV stabilization and pigments can be used during process.

Typical Application

Gas and water transportation

Producer

Jam Petrochemical Company

Resin Properties	Value	Units	Test Method
Melt Index (21.6)	12	g/10 min	ISO 1133
Melt Index (5)	0.45	g/10 min	ISO 1133
FRR (21.6/5)	27		
Density	0.945	g/cm ³	ISO 1183
Molded Properties			
Notched Impact @ 23 °C	12	mJ/mm ²	ISO 179/ 1 eA
Mechanical Properties			
Hydrostatic Strength (80 °C)	000(4.0 N/mm ²)	h	ISO 1167

- On compression molded according to ASTM D1928C

Processing Conditions

Recommended barrel temperatures range between 190 °C and 280 °C

Storage and Handling

Polyethylen products (in pelletised or powder form) should not be stored in direct sunshine and/or heat radiation. The Storage area should be dry and preferably don't exceed 50 oc. J PC would not responsible about quality diminishing such as color change, bad smell or ets which caused by bad storage conditions. It is better to process PE resin within 6 months after delivery.