

High Density Polyethylene HDPE EX3

Description:

HM-5010T2N (PE80) is manufactured by the suspension polymerization of ethylene monomer. The polymerization is generally carried out in a batch process. HM-5010T2N grade is a pressure pipes grade for gas and water transportation. UV stabilization and pigments can be used during process.

Properties	Test Method	Unit	Value
Melt index (2.16)	ISO 1133	g/10 min	12
Melt index (5)	ISO 1133	g/10 min	0.45
FRR (21.6/5)			27
Density	ISO 1183	g/ cm ³	0.945
Notched Impact @ 23 °C	ISO 179/ 1 eA	mJ/mm ²	12
Hydrostatic Strength (80 °C)	ISO 1167	h	(4.0 N/mm ²) 1000

Features

- Tough and rigid pipe resin

Applications

- This grade apply for Gas and water transportation. By use of stabilizers and pigments this grade is applied for piping under uv radiation in gas and liquid transportation.

Additives

- Antioxidant/Process stabilizer
- Lubricant (processing aid)/acid scavenger

Packaging

Jam Polymers Polyolefin resins are supplied in pilet form packed in 25kg bags. Alternative packaging modes are available for selected grades.

Producer: Jam Petrochemical Company