

VP-HD-PE100N

Description:

VP-HD-PE100N (PE 100) is a natural pipe grade which is manufactured by suspension polymerization of ethylen monomer. This product is a bi-model high density polyethylene with 1-Butene (C4) as a co monomer which contains anti oxidant, lubricant, and acid scavenger additives.

Features	Applications	Packaging
Natural PE 100 pipe resin	Top quality PE 100 pressure pipes for gas and water transportation at higher pressure or with thinner walls as PE 80. (UV stabilization and/or pigments during processing)	Stabilizer: anti oxidant Lubricant (processing aid) Acid scavenger

Physical properties	Unit	Typical value	Test method
MFR (190 °C / 5 Kg)	g/10min.	0.22	ISO 1133
MFR (190 °C / 21.6 Kg)	g/10min.	6.2	ISO 1133
FRR (MFR 21.6 Kg / 5 Kg)	-	28	ISO 1133
Density	g/cm ³	0.948	ISO 1183
Mechanical properties	Unit	Typical value	Test method
Hydostatic strength	hours	5000	ISO 1167
Notched impact strength	mJ/mm ²	24	ISO 179/1eA