



KGT HP011AK - Class PE100

KGT HP011AK is a natural colored high-density polyethylene with Butene-1 as a monomer. The product is classified as PE100 and shows good stress crack resistance properties (ESCR) combined with good impact strength.

Applications

- Pipe Extrusion PE100 Class
- Pressure pipe
- Drinking water and gas pipes
- Discharge pipes
- Sewer pipes and their fittings
- For injection moulded and other fittings
- Sheets

Stabilization

- Ca-Stearate, Zn-Stearate, Irganox1010, Irgafos168

Resin Properties	Unit	Test Method	Typical Value
MFR(190 °C/5Kg)	g/10min	ISO 1133	0.45 ± 0.05
MFR(190 °C/21.6Kg)	g/10min	ISO 1133	12.0 ±3.0
FRR21.6/5			28t4
Density	g/cm ³	ISO 1183	0.945 + 0.002
Notched Impact Strength	mj/mm ²	ISO179/1eA	> 12
Pipe Evaluation Hydrostatic Strength (80oc,4N/mm2)	Hours	(DIN 8074 & DIN 8075 & ISO 1167)	1000 min