

KGT 663 is a natural color high density polyethylene with 1-Butene as co monomer. It combines outstanding ESCR, high impact strength, outstanding hydrostatic strength for PE 100 class.

Applications

- Pipe extrusion PE 100 class
- Industrial and pressure pipe, Gas pipe, drinking water pipe

Resin properties	Typical Value	Unit	Test Method
Physical			
Melt Flow Rate (190 °C, 2.16kg)	6.2	g/10 min	ISO 1133
Melt Flow Rate (190°C/ 5.0 kg)	0.22	g/10 min	ISO 1133
Density	0.948	g/cm ³	ISO 1183
FRR (21.6/5)	27	-----	-----
Mechanical			
Notched Impact (23°C)	24	MJ/mm ²	ISO 179/1 eA
Hydrostatic Strength	5000	h	ISO 1167

1. FRR values are statistical and calculated by dividing MFR values
2. Test specimen from compressed moulded sheet 23°C