

KGT 4612 is a blow molding grade resin with high density polyethylene with 1-Butene as co monomer which is manufactured by the suspension polymerization of ethylene monomer. Stiffness, good ESCR are its spatial properties. High rigidity and good flow-ability which made it proper for usage in bottles and small blow molding goods.

Applications

- Bottles
- Small blow moulding containers (up to 5 lit)
- Packing of pharmaceuticals & surfactants

Additives

(MFI: 23±4 - Density: 0.954)

- Antioxidant/Process stabilizer
- Lubricant/ acid scavenger

Resin properties	Typical Value	Unit	Test Method
Physical			
Melt Index (2.16 kg)	23	g/10min	ISO 1133
Melt Index(5)	1.2	-----	ISO 1133
FRR (21.6/5)	19	-----	-----
Density	0.954	g/cm ³	ISO 1183
Mechanical			
Notched Izod Impact at 23 °C	9	mJ/mm ²	ISO 179/ 1 eA