

KGT 468 is a HDPE homopolymer which is manufactured in gas phase process for injection molding grade which combines good flow-ability with balanced physical properties. This resin is well suited for general purpose application requiring high stiffness.

Applications

- Housewares
- High fluidity
- Injection moulding grade

Additives

(MFI: 16-20 - Density: 0.950-0.954)

- Thermal Antioxidant (Process Stabilizer)
- Catalyst neutralizer (acid scavenger, lubricant)

Resin properties	Typical Value	Unit	Test Method
Physical			
Melt Index (190°C/2.16 kg)	18	g/10min	ASTM D1238
Density	0.952	g/ml	ASTM D1505
Mechanical			
Flexural Modulus	1200	MPa	ASTM D1709
Notched Izod Impact at 23 °C	19	J/m	ASTM D256
Thermal			
Vicat softening point (10N)	121	°C	ASTM D1525