

KGT 465 is a HDPE copolymer injection molding grade for applications requiring a good balance between physical properties and flow-ability.

Applications

- Injection molding grade
- Caps thin walled

Additives

(MFI: 22-32 - 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)	28	g/10min	ASTM D1238
Density	0.952	g/ml	ASTM D1505
Mechanical			
Flexural Modulus	1380	MPa	ASTM D1709
Notched Izod Impact at 23 °C	21	J/m	ASTM D256/A
Vicat softening point (10N)	124	°C	ASTM D1525

@ on compression moulded specimen obtained according to ASM D 1928 °C

Fabrication conditions for injection moulding

Recommended barrel temperatures range between 190 and 280 °C