

KGT 455 is a LLDPE for rotomolding which manufactured by gas phase process. This grade is suitable for all applications which need a good balance among moldability and mechanical properties together with an exceptional stress cracking resistance.

Applications

- High ESCR rotomolded items Chemical containers.

Additives

- 455: Thermal Antioxidant
- 455 UV: Thermal Antioxidant/ UV Stabilizer

Resin properties	Typical Value	Unit	Test Method
Physical			
Melt Index (190°C/ 2.16Kg)	4	g/10min	ASTM D1238
Density	0.932	g/cm ³	ASTM D1505
Mechanical			
Flexural Modulus	1350	MPa	ASTM D790
ESCR	>1000	hr	ASTM D 1693
Notched Izod impact at 23°C	NB	°C	ASTM D3418