

KGT 471 is a UV stabilized linear medium density polyethylene grade with a narrow molecular weight distribution. It is suitable for rotational molding and some injection molding application such as technical parts and closures. Characteristics include: good impact Strength, excellent external and internal surface finish, and is UV stabilized.

Applications

- Rotomolding

Additives

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

Resin properties	Typical Value	Unit	Test Method
Physical			
Melt Index (190°C/ 2.16Kg)	4	g/10min	ASTM D1238
Density	0.938	g/ml	ASTM D1505
Mechanical			
Flexural modulus	650	MPa	ASTM D790
Tensile Strength at Yield	15	MPa	ASTM D638
Tensile Strength at break	800	%	ASTM D638
Charpy Unnotched impact Strength	25	KJ/m ²	ASTM D256
Vicat Softening Temperature	115	°C	ASTM D1525
Durometer Hardness	60	Shore D	ASTM D2240
@ on compression moulded specimen obtained according to ASTM D 1928°C			