

KGT 771 is a linear medium density polyethylene copolymers containing butane-1 as the comonomer with narrow molecular weight distribution. This resin designed to offer excellent process-ability, stiffness and fast grinding rate. This UV stabilized resin is ideally suited for application that requires good impact strength and ESCR along with excellent external and internal surface finish.

#### Applications

- Rotational moulding items
- Septic tanks
- Ordinary containers

Resin properties	Typical Value	Unit	Test Method
<b>Physical</b>			
Melt Flow Rate (190 oC, 2.16kg)	4.0	g/10min	ASTM D1238
Density	0.938	g/cm <sup>3</sup>	ASTM D1505
<b>Mechanical</b>			
Flexural Modulus	900	MPa	ASTM D790
Tensile Strength at Yield	18	MPa	ASTM D638
Elongation at Break	900	%	ASTM D638
Charpy impact Strength	18	KJ/m <sup>2</sup>	ASTM D256
Hardness Shore D	62	----	ASTM D2240
ESCR, F50, 100% Igepal	400	hr	ASTM D1894
<b>Thermal</b>			
Melting Point	127	°C	ASTM D2117
Vicat softening point	117	°C	ASTM D1525