

KGT 662 is a high molecular weight high density polyethylene with 1-Butene as co monomer. It combines good stiffness and tenacity.

#### Applications

- Film extrusion
- Counter bag, carrier bag
- Wrapping films

Resin properties	Typical Value	Unit	Test Method
<b>Physical</b>			
Melt Flow Rate (190 °C, 2.16kg)	8	g/10 min	ISO 1133
Melt Flow Rate (190 °C / 5.0 kg)	0.28	g/10 min	ISO 1133
Density	0.949	g/cm <sup>3</sup>	ISO 1183
FRR (21.6/5)	34	-----	-----
FN	≤4≤120	-----	MPC-TEST
<b>Mechanical</b>			
Stress at yield	24	MPa	ISO 527
Stress at Break	35	MPa	ISO 527
Shore D hardness	60	-----	ISO 868
Max. Tensile strength MD/TD	45/40	MPa	ISO 527
Tear strength MD/TD	200/450	mN	ISO 6383-2
Max. elongation MD/TD	400/450	%	ISO 527
Dart Drop Impact	220	g	ASTM D1709
<b>Thermal</b>			
Softening Temperature	75	°C	ISO 306
Brittle Temperature	< - 80	°C	ASTM D746-72