

KGT 762 is high molecular weight, high density polyethylene copolymers, developed as general purpose resin for use in pressure and non-pressure pipes. A minimum service life of 50 years is achievable under appropriate pressure and temperature conditions. It offers excellent chemical resistance and environmental stress crack resistance. It is suitable for extrusion into a full range of pipe and fittings sizes, where high density resins are required. It is suitable for use in transport of a wide range of fluids for industrial, rural and mining applications.

**Applications**

- Pipes and fittings
- Transport of a wide range of fluids for industrial, rural and mining applications.

Resin properties	Typical Value	Unit	Test Method
<b>Physical</b>			
Melt Flow Rate (190 oC, 5.0kg)	0.5	g/10min	DIN 53735
Density	0.944	g/cm <sup>3</sup>	DIN 53479
<b>Mechanical</b>			
Volatiles	0.2	%Wt	DIN BP138
Impact Strength(charpy Index@23c <sup>0</sup> )	22	mj/mm <sup>2</sup>	DIN 53453
Resistance to internal pressure (80°C/4N/mm <sup>2</sup> )	170 min	hr	DIN 8074