



KGT HP021SH - Class PE80

KGT HP021SH is PE-80 Pressure pipe. Natural grade for drinking water and gas pipes, waste pipes and sewer pipes, their fittings and also sheets.

Applications

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

Typical properties	Test method	Unit	Value
MFI@190°C, 5Kg	53735	gr/10min	0.5
Density	53479	gr/cm ³	0.944
Volatiles	BP138	%Wt	0.2
Impact Strength(Charpy Index)	53453	mj/mm ²	22
Resistance to internal pressure (80°C/4N/mm2)	8074	hr	170 min