

KGT 466 is a HDPE grade specially designed for monofilament applications, which combines good processability with high tenacity. This grade has good balance of mechanical strength and high production rates. It is also well suited for multiply applications, like ropes and stretched filaments.

**Applications**

- Fishing net
- Rope
- Agricultural net
- Tarpaulin
- Woven sack

**Additives**

(MFR 190/5: 0.23-0.33 - Density: 0.947-0.951 g/cm<sup>3</sup>)

- Antioxidant/Process stabilizer
- Lubricant (processing aid)/acid scavenger

Resin properties	Typical Value	Unit	Test Method
<b>Physical</b>			
Melt Index	0.8	g/10min	ASTM D1238
Density	0.949	g/cm <sup>3</sup>	ASTM D1505
<b>Mechanical</b>			
Flexural Modulus	1100	MPa	ASTM D1709
Tensile Strength at Yield	24	MPa	ASTM D1922
Tensile Strength at Break	39	MPa	ASTM D638
Notched Izod Impact at 23 oC	400	J/m	ASTM D256/A
<b>Thermal</b>			
H.D.T	75	°C	ASTM D648
Vicat softening point	125	°C	ASTM D1525