

KGT 616 is a homopolymer, suitable for extrusion and thermoforming applications. It is formulated with a low water-carry-over additive package.

### Applications

- Ropes and tapes for carpet backing
- Tape & Monofilament (Including Raffia)

Resin properties	Typical Value	Unit	Test Method
<b>Physical</b>			
Melt Flow Rate (230 OC, 2.16kg)	3.4	g/10min	ISO 1133
Melt Volume Flow Rate (230 OC, 2.16kg)	4.6	g/10min	ISO 1133
<b>Mechanical</b>			
Tensile Modulus	1500	MPa	ISO 527-1,-2
Tensile Stress at Yield	34	MPa	ISO 527-1,-2
Tensile Strain at Break	>50	%	ISO 527-1,-2
Tensile Strain at Yield	9	%	ISO 527-1,-2
Charpy Impact Notched	190	kJ/m <sup>2</sup>	ISO 179
Charpy Impact Notched	4	kJ/m <sup>2</sup>	ISO 179
Hardness Ball Indentation	74	MPa	ISO 2039-1
<b>Thermal</b>			
Vicat softening point (10 N)	154	°C	ISO 306
Vicat softening point (50 N)	90	°C	ISO 306
H.D.T. (0.46 Mpa)	85	°C	ISO 75B-1, 2