

KGT 711 is a polypropylene homo-polymer particularly suitable for the extrusion of sheet for thermoforming, film yarn & monofilament. It combines outstanding process-ability with good mechanical properties.

Applications

- Vending, cups, packaging for dairy products and trays for fruit, biscuits and chocolates
- Film yarn
- Raffia, tapes, strapping
- Carpet backings, bags, industrial fabrics
- Mats and artificial, grass, Baler twines, packaging twines and ropes
- Brush and broom filling

Resin properties	Typical Value	Unit	Test Method
Physical			
Melt Flow Rate (230 °C, 2.16kg)	3.2	g/10min	ASTM D1238/L
Mechanical			
Flexural Modulus	1550	MPa	ASTM D790
Tensile Strength at Yield	35	MPa	ASTM D638
Tensile Elongation at Yield	12	%	ASTM D638
Rockwell Hardness	102	R Scale	ASTM D 785
Notched Izod Impact@23 °C	55	J/m	ASTM D256
Oven Aging@150 °C	360	Hours	ASTM D3012
Thermal			
HDT (0.46 N/mm ²)	94	°C	ASTM D648
Vicat softening point (10N)	156	°C	ASTM D1525