

## Polypropylene

### Product description

Product	<b>Polypropylene Homopolymer</b>
Properties	Homopolymer with low water carry over and preferred grade for tapes
Applications	Raffia, tape yarn, technical textile, carpet backing, diary products

### Physico-chemical properties

Characteristic	Test Method	Unit	Value
Melt flow rate ( 230° C, 2.16 kg)	ASTM D 1238/L	g/10min	4
Tensile modulus of Elasticity (1mm,min)	ASTM D 638	MPa	1500
Tensile strength at yield (50mm/min)	ASTM D638	MPa	34
Tensile elongation at yield (50mm/min)	ASTM D638	%	9
Notched charpy impact at 23° C	ISO 179/1eA	KJ/m <sup>2</sup>	4
Notched charpy impact at -30° C	ISO 179/1eA	KJ/m <sup>2</sup>	1.7
Vicat softening point (10N)	ASTM D1525	° C	154
Ball indentation hardness	ISO 2039-1	MPa	74
H.D.T ( 0.46 N/mm <sup>2</sup> )	ASTM D648	° C	85
Melting point, DSC	ASTM D3417	° C	163
Density	ASTM D792	gr/cm <sup>3</sup>	0.91

### Packing

Packing	PP bags of 25 kg, 50 bags on a pallets with shrink PE film.
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