

# TECHNICAL DATASHEET Egg- & Manure belts



			PP-C PP-Copolymer Virgin
<b>MECHANICAL PROPERTIES (at 23°C)</b>			
E-modulus	ISO 527-2	N/mm <sup>2</sup>	1300
Tensile strength	ISO 527-2	N/mm <sup>2</sup>	28
Tensile strain at break	ISO 527-2	%	>600
Tensile stress at yield	ISO 527-2	N/mm <sup>2</sup>	24
Tensile strain at yield	ISO 527-2	%	7
Impact strength, Charpy unnotched 23°C	ISO 179	kJ/m <sup>2</sup>	no break
Impact strength, Charpy notched 23°C	ISO 179	kJ/m <sup>2</sup>	30
Coefficient of friction vs. steel (dry)	-	-	0,2
Hardness	ISO 868	shore D	66
Density	ISO 1183	kg/m <sup>3</sup>	920
<b>THERMAL PROPERTIES</b>			
Softening temperature, vicat A/50 (10N)	ISO 306/A	°C	147
Linear expansion	ISO 11359	mm/m/10°C	1,6
Coefficient of heat conductivity	ISO 22007	W/m.K	0,22
<b>OTHER PROPERTIES</b>			
Absorption of moisture	ISO 62	%	< 0,03
Fire test	DIN 4102	-	B2
Breakdown voltage	DIN 53481	kV/mm	> 60
Volume resistance	DIN 53482	Ohm	> 10 <sup>13</sup>
Dielectric constant value	DIN 53483	-	2,25
<b>CHEMICAL AND PHYSICAL RESISTANCE</b>			

The chemical and physical resistance of these products to acids, leyes and salt solutions, is generally spoken very good.  
In special cases, please contact us, especially for solvents.

All informations given in this brochure are indications and may vary as a result of working methods, aggregates, environmental influences etc. All details are given without liability on our part.

In case of doubt, contact us for your specific application.

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