BARBIERI s.r.l.

Technical properties manure belt

PROPERTIES	METHOD	UNIT	VALUES
composition	polypropylene copolymer and addition of master colorant		
density	ISO 1183	Gr/cm3	0,90
tensile strenght at yield	ASTMD638	Kg/cm2	300
tensile elongation at yield	ASTMD638	%	9
flexural modulus	ASTMD790	Kg/cm2	13500
shore hardness	ISO 868		64,40
notched izod impact (23°)	ASTMD256	Kg-cm/cm	75
notched izod impact (-20°)	ASTMD256	Kg-cm/cm	8
VICAT softering point	ISO 306A	°C	151
melting point	DIN 53736	°C	165
thermal conducivity	DIN 52612	W/mK	0,24
coefficient of linear thermic expansion	DIN 52612	1/°C	16x10-5
dielectric strenght	DIN 53481	Kv/mm	53
surface resistance	DIN 53482	Ohm	10 + 14
fire behaviour	UL 94		HB

tollerance of thickness +/- 0,05mm, width +/- 0,1% and lenght +1% to +2%

working temperature range		°C	+5 +60
storage temperature range		°C	-20 +60
storage conditions	do not expose to the sun		
colour	RAL 9010 (white), RAL 9005 (black)		

PAY ATTENTION: the manure belt exposed directly to the UV rays, degrades and his duration declines rapidly.

Commodity endowed with great chemical inertia in presence of almost all organic and inogarnic mixtures included the hydroxide of ammonium (ammonia) up to 100% concentration and maximum temperature of 60° c

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