

TECHNICAL SPECIFICATIONS - POLYSUR® FERRO TYPE T130

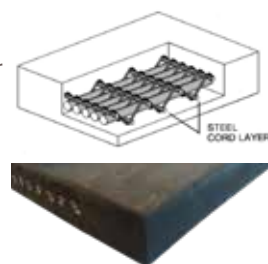
	Unit/testing standard	SW800RE
Belt quality and steel carcass characteristics		
Carcass type		SW-RE (elastic E-cord)
Warp cord 4x7x0.35 E-cord, brass coated	mm	Ø 2.85
Breaking load average / minimum	N	5900 / 5600
Elongation at break	%	5
Pitch	mm	6.67
Weft cord 3x0.60, brass coated	mm	Ø 1.29
Breaking load average / minimum	N	1925 / 1775
Pitch	mm	6.67
Nylon binder yarn to connect warp & weft cords		940x2x2 RFL dipped 250 N/yam
Belt thickness nom.	mm	12
Rubber covers top nom.	mm	3
Rubber covers bottom nom.	mm	3
Belt weight nom. with 3+3 mm covers	kg/m²	16,78
Tensile strength (gross)	N/mm	>800
Adhesion top and bottom covers to steel cord	N/mm	10 min.
Pull out force of one steel warp cord from rubber	kg/cm	50 min.
Percentage of remaining rubber coating on cord	%	50 min.
Rubber properties		
Type of rubber	Polymer	EPDM (Ethylene-propylene diene)
Tensile strength	Mpa	70 min.
Elongation	%	400 min.
Hardness (+/- 5°)	° Shore A	65 +/- 5
Abrasion resistance	mm³	200 max.
Temperature resistance, dry product	°C. continuous	-30/+130
Lab test oven 3 months constant temp. +125° C.	and +125° C.	
Original hardness 67° Shore A	° Shore A	67
90 days continuous exposure +125° C	° Shore A	78
90 days continuous exposure +150° C	° Shore A	86
Anti-static <3.10 ⁸	Ω ISO conform	yes
Testing norm in accordance with DIN22102, ISO 37, 251, 252, 283, 284, 340, 583, 7622, 868, 2781, 4195, 4649, 7590, 7619, 7622, 7623, 8094, 9856, 13934, 15236, 28094		

POLYSUR® FERRO
TYPE T130 STEEL
CORD REINFORCED
ELEVATOR BELT

Polysur® FERRO type T130 steel cord reinforced elevator belts are specially designed for heavy duty "High Heat" industrial applications and show increased resistance to the deterioration of the rubber under the influence of a certain continuous high operating temperature. The rubber on the Polysur® FERRO type T130 stay longer flexible and therefore the Polysur® FERRO type T130 elevator belt is the belt of choice when the surrounding temperature in the elevator is +120°-130° C.

Applications

- cement powder
- raw meal
- fly ash



Polysur® FERRO elevator belts are provided with a Polysur® FERRO logo after each 20 meter of belt.



Not legally binding - subject to change and terms
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