

Sempertrans Best (Shandong) Belting Co.Ltd

TECHNICAL DATA SHEET FOR FABRIC CONVEYOR BELTING

Number: F10813

DIN 22102

1000 EP 400/3 6+2 N17 ME

CHARACTERISTICS		UNIT	STANDARDS	SEMPERTRANS OFFERED VALUE	
1	BASIC INFORMATION				
1.1	Belt width	mm	DIN 22102	1000	±10
1.2	Belt rating	-		EP 400	
1.3	Top cover thickness	mm	ISO 583	nominal:6.0	
1.4	Bottom cover thickness	mm	ISO 583	nominal:2.0	
1.5	Rubber grade	-	Sempertrans	N17	
1.6	Total belt thickness	mm	ISO 583	10.4	+1/-1
1.7	Weight of belting	kg/m		about: 12.5	
1.8	Belt length tolerance	%	DIN 22102	-0/+2.5	
1.9	Cover thickness tolerance		DIN 22102	-5%, min:0.2mm/+free	
2	CARCASS				
2.1	Number of plies	-		3	
2.2	Warp	-		Polyester	
2.3	Weft	-		Polyamide	
3	COVER RUBBER				
3.1	Tensile strength	MPa	ISO 37 type 2	min: 17	
3.2	Elongation at break	%	ISO 37 type 2	min: 400	
3.3	Abrasion resistance	mm ³	ISO 4649	max:150	
3.4	Hardness	Shore A	ISO 7619-1	65	±5
4	ADHESION				
4.1	Top cover to ply	N/mm	ISO 252	min: 4.5	
4.2	Bottom cover to ply	N/mm	ISO 252	min: 4.5	
4.3	Ply to ply	N/mm	ISO 252	min: 5.0	
5	BREAKING STRENGTH OF CONVEYOR BELT				
5.1	In warp direction	N/mm	ISO 283	min: 400	
5.2	Elongation under reference load (10%)	%	ISO 283	max: 1.5	
Additional Information					
DATE			2014/8/7		
PREPARED BY			Li chunhui		