

ACME

GROUP OF COMPANIES

MS-1080

ACME MAGNETIC TAPES LTD.					
AUDIO MAGNETIC TAPE SPECIFICATIONS					
MS-1080					
Measuring Condition	Unit	C-60	C-90	C-100	C-120
1. Tape speed	cm/s	4.76			
2. Track Width	mm	0.6			
3. Gap Length:					
Record head	μm	3.0			
Playback head	μm	1.5			
4. Playback Equalization	μs	120+3180			
5. Reference Tape		IEC-IR723DG			
Electroacoustic Properties					
1. working Bias	%	100(+0/-10)			
2. Sensitivity at 315Hz	dB	> -1.3	> -1.2	> -2.3	> -2.0
3. Frequency Response					
at 8KHz	dB	> +1.1	> +1.4	> +0.3	> +0.4
at 12KHz	dB	> +2.0	> +1.9	> +1.2	> +1.0
4. Maximum output level at					
315Hz, THD:5%	dB	> +3.5	> +3.5	> +1.8	> +2.0
5. Saturation level at 8KHz	dB	> -4.5	> -4.5	> -5.0	> -5.0
at 10KHz	dB	> -6.0	> -6.0	> -6.5	> -6.5
6. Signal to noise ratio	dB	< -50			
Magnetic properties					
1. Coercivity (Hc)	Oe	375	375	375	375
2. Rententivity(Br)	G	1300	1300	850	850
3. Squareness(Br/Bs)		0.88	0.88	0.88	0.88
Physical properties					
1. Base material		semi Tensilized	Tensilized		
		polyester film	polyester film		

2. Tape width	mm	3.81(+0/-0.05)			
3. Base thickness	μm	12	7.5	7.5	6
4. Coating thickness	μm	4.5(±0.5)	4.5(±0.5)	2.6(±0.5)	2.9(±0.5)
5. Total thickness	μm	16.5(±0.5)	12(±0.5)	10.1(±0.5)	8.9(±0.5)
6. Base film specifications:					
Yield strength	kg/3.81	-			
Breaking strength	mm	-			
Residual elongation	kg/3.81	-			
	mm				
	%				
7. Color	-	Tan	Tan	Tan	Tan
NOTE: SPECIFICATIONS MAY BE VARIED WITHOUT PRIOR NOTICE					

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