

ACME
GROUP OF COMPANIES

MS-1090

ACME MAGNETIC TAPES LTD.			
AUDIO MAGNETIC TAPE SPECIFICATIONS			
MS-1090			
Measuring Condition	Unit	C-60	C-90
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	> -1.4	> -1.4
3. Frequency Response			
at 8KHz	dB	> +1.0	>=+0.4
at 12KHz	dB	> +1.2	>=+0.7
4. Maximum output level at 315Hz, THD:5%	dB	> +3.2	>=+3.0
5. Saturation level at 8KHz	dB	> -4.5	>=-4.5
at 10KHz	dB	> -7.0	>=-7.0
6. Signal to noise ratio	dB	< -50	
Magnetic properties			
1. Coercivity (Hc)	Oe	375	375
2. Rententivity(Br)	G	1300	1300
3. Squareness(Br/Bs)		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
4. Coating thickness	μm	4.5(±0.5)	4.5(±0.5)
5. Total thickness	μm	16.5(±0.5)	12(±0.5)
6. Base film specifications:			
Yield strength	kg/3.81	-	
Breaking strength	mm	-	
Residual elongation	kg/3.81	-	
	mm		
	%		
7. Color	-	Tan	Tan
NOTE: SPECIFICATIONS MAY BE VARIED WITHOUT PRIOR NOTICE			

Last Updated on 1999.08.20

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