



FIXTURE FOR COMPRESSIVE LOAD DEFLECTION & CRUSH LOAD TEST

TABLE
PROPERTIES TO BE MEASURED ON FINISHED TOP & BOTTOM LINER FOR ACCEPTANCE TEST

S.NO.	PROPERTY	TEST METHOD	UNIT	VALUE
1.	SPECIFIC GRAVITY	ASTM D 792	-	1.39-1.44
2.	MELTING POINT	BS-2782-PART-I (METHOD 123 B)	°C	178±8
3.	ASH CONTENT	ASTM D 5630	%	LESS THAN 1
4.	HARDNESS	ASTM D-785	ROCKWELL R	120±6
5.	MELT FLOW RATE @190°C AT 2.16 Kg. LOAD	ASTM D-1238	Gm/10 min	FOR TOP LINER -3.0 MAX. FOR BOTTOM LINER -2.1 MAX.

- NOTE:-
- 1. ALL DIMENSIONS ARE IN mm.
 - 2. MARKING PARTICULARS:
 - A - MANUFACTURERS NAME/INITIAL/TRADE MARK
 - B - MONTH AND YEAR OF MANUFACTURE
 - C - LOT / BATCH NO.
 - 3. MARKING SHOULD BE CLEARLY VISIBLE AND READABLE
 - 4. VARIATION IN HEIGHTS 'H' SHALL BE ±0.25
 - 5. LOWER WASHER SHALL CONSISTS OF THREE PARTS, (FOR PROPERTIES- REFER TABLE SHOWN ABOVE)
 - 1) TOP LINER
 - 2) WASHER
 - 3) BOTTOM LINER
 - 6. THE MATERIAL USED FOR LINERS SHALL BE "Delrin" MADE BY M/s E.I. DuPont OR ANY OTHER ALTERNATIVE EQUIVALENT POLYACETAL MATERIAL CONFIRMING TO THE PROPERTIES SPECIFIED IN TABLE SHOWN ABOVE

4	1	SS/20/09	1.DESIGN OF LOWER WASHER MODIFIED. 2.TOP & BOTTOM LINER & THEIR PROPERTIES ADDED. 3.FIXTURE FOR COMPRESSIVE LOAD DEFLECTION & CRUSH LOAD TEST ADDED. 4.NOTE NO.5 & 6 ADDED.	12/09
3	1	SS/06/09	MOUNT HEIGHT DELETED. NOTE-4 ADDED	02/09
2	1	SS/08/08	DESIGN OF MOUNT HAS BEEN CHANGED. TOLERANCE ADDED TO R2 DIMENSION.TITLE,WEIGHT OF WASHER AND NOTE-2 HAS BEEN MODIFIED IN LINE WITH THE SPECIFICATION	12/08
1	1	SS/25/06	EXISTING NOTE-2 DELETED AND NEW NOTE-2 ADDED. NOTE-3 ADDED. RADIUS R2 SPECIFIED AT CORNER OF THE MOUNTS. WEIGHT OF THE WASHER SPECIFIED.	09/06
ALT.	ITEM	AUTHY.	DESCRIPTION	CKD, DATE

3	BOTTOM LINER	16	220±15	AS PER TABLE	
2	WASHER	16	525±15	C-K409	
1	TOP LINER	16	255±15	AS PER TABLE	
ITEM	DESCRIPTION & DIMENSIONS	No.OFF PER COACH	REF.DRG.	Wt OF ONE (Gram)	MATL. & SPEC. REMARKS
SUPERSEDED BY:					
INDIAN RAILWAY STANDARDS					
MAIN LINE COACHES					
THERMOPLASTIC POLYESTER ELASTOMER (HYTELR) LOWER WASHER FOR PRIMARY SUSPENSION					
B.G. R.D.S.O. [CG]					
CG-K4059					

***हम (उपरोक्त) उपरोक्त आदेशों के अन्तर्गत (यदि आवश्यक) आवश्यक-2333311) आदेशों के अन्तर्गत है और यह निर्दिष्ट आदेशों के अन्तर्गत है।