



**QM-C-7.1/POLYMER/0002**  
**Inspection Plan(Check Sheet)**

**Item:** Liner to be used below Hytrel Lower Washer in the Primary Suspension for BG Main Line coaches  
**Specn. :** RDSO/2008/CG-10 (Rev.0 of Nov'08)  
**Amd.:**  
**Drg. No. & Alt.:** CG-K8213, Alt.1

1. Firm's Name
2. Description of material
3. Drg.No.
4. RDSO File No.
5. Specification No.
6. Purchase order No.
7. Firm's offer letter No. & Date
8. Quantity earlier passed
9. Quantity now offered
10. Quantity consumed in testing
11. Quantity accepted
12. Quantity rejected
13. Date of Inspection & Testing
14. Date of offer
15. i) No. of Boxes  
ii) Continuous Sl.No. of boxes
16. D.P.

(A) This is guaranteed by M/s. Polyset Plastics Pvt. Ltd. that reconstituted.

(B) Liner are packed in a heavy gauge poly bags & kept in corrugated boxes.

Signature of Firm's Representative

Signature of RDSO Representative



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## TEST RESULT

Inspection Date : .....

Offer Quantity .....

DM Quantity.....

### A. Samples Size:

1. Visual 10 Nos. (2) Dimension & Weight 05 Nos. (3) Speci.garvity,  
Hardness MFR Crush Load Test & Impact Strength Test – One Sample for each test to be drawn at  
random.

The above sample size is for each lot upto 2000 Nos. or less  
Inspection Certificate No.

### B. Marking:

- i. Manufacturer's name/initial/trade mark
- ii. Month and year of manufacture
- iii. Lot/Batch Number

Signature of Firm's Representative

Signature of RDSO Representative



**C. Record of test result for a lot of 2000 Nos.**

Sl. No.	Description of Test	Specified value as per RDSO/2009///CG-17	Lot No.1	Lot No.2	Lot No.3	Lot No.4	Lot No.5	Lot No.6	Lot No.7	Lot No.8	Lot No.9	Lot No.10
1.	Visual Observation 10 Nos.	Surface shall be smooth, found & free from moulding defect										
2.	Dimension (mm) a) OD b) ID c) Thickness	252±1 120±0.5 4±0.2	10 Nos.	10 Nos.	10 Nos.	10 Nos.	10 Nos.	10 Nos.	10 Nos.	10 Nos.	10 Nos.	10 Nos.
3	Specific Gravity	1.40 – 1.43										
5	Hardness Rockwell R	120±4										
6	MFR	2.10gm/10min(max)										
7	Load Test	(25 Tonnes (mm) sample shall not show any crack or warp age & other diameter, inner diameter & thickness measured after one hour of the test shall be within the specified tolerance.										
8	Impact Strength Test	(4.5 Kgm) The impact damage during the test shall be localized and shall not spread 10mm beyond the indentation mark. The inner shall also not show any crack										
9	Weight – gms	Liner 230±10	5 Nos.	5 Nos.	5 Nos.	5 Nos.	5 Nos.	5 Nos.	5 Nos.	5 Nos.	5 Nos.	5 Nos.

Signature of Firm's Representative

Signature of RDSO Representative