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**QM-C-7.1/Rubber/0003**  
**Inspection Plan(Check Sheet)**

**Item:** Centre Pivot Washer  
**Specn. :**  
**Amd.:**  
**Drg. No. & Alt.:** WD-85079-S-2, Alt.23, Item-4

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1. Firm's name :
2. Date ( period ) of inspection :
3. Contract Details :
  - a. Contract no.and date.
  - b. Order placing authority.
  - c. Specification no.  
(As mentioned in contract).
  - d. Drawing no.  
(As mentioned in contract).
4. Quantity on order
5. Quantity offered for inspection on date
6. Consignee.

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**Specification No.: IS : 5192 (Type B Gr. 4)**  
**SUMMARY OF RESULTS**

**LOT SIZE -: 2000 NOS.**

S. No.	Parameters	Specified Value	Observation	
			Max.	Min.
7.1	Visual check	Burrs, Pin holes, Cracks & Blisters etc. & Marking		
7.2	Dimensional check	By GO-NO GO Gauges		
7.2.1	Hardness	61-70 Shore A		
7.3	Physical properties			
7.3.1	Tensile Strength	Min 142.8 Kg/cm <sup>2</sup>		
7.3.2	Elongation	Min 350%		
7.3.3	Compression set	Max 30%		
7.4	Metal plate examination	No sharp edges & burrs		

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**7.1.1 Visual check :**

Specified Sample Size – 1% or min.10 nos.

Actual Sample Size –

Pad No.	1	2	3	4	5	6	7	8	9	10
Visual check										
Pad No	11	12	13	14	15	16	17	18	19	20
Visual check										

**7.2 Dimensional check:**

Specified Sample Size – 1% or min.10 nos.

Actual Sample Size –

Pad No.	1	2	3	4	5	6	7	8	9	10
Dimension										
Pad No	11	12	13	14	15	16	17	18	19	20
Dimension										

**7.2.1 Hardness of washer : (Shore A)**

Specified Sample Size – 1% or min.10 nos.

Actual Sample Size –

Parameter	Specified Value	1	2	3	4	5	6	7	8	9	10
Hardness	61-70										
		11	12	13	14	15	16	17	18	19	20
Hardness	61-70										

**7.3 Physical properties before ageing :**

**7.3.1 Tensile Strength:**

Specified Sample Size – 3 Pads.

Actual Sample Size –

Parameters	Specified Value	1			2			3		
Load at break (kg)	--									
Tensile Strength	Min 142.8 kg/cm <sup>2</sup>									
Mid Value										

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**7.3.2 Elongation at break :**  
**Specified Sample Size – 3 pads**  
**Actual Sample Size – Pads**

Parameters	Specified Value	1			2			3		
Length at break										
Elongation	350 % (Min.)									
Mid Value										

**7.3.3 Compression set:**  
**Specified Sample Size – 3 pads**  
**Actual Sample Size – Pads**

Parameters	Specified Value (in mm)	1			2			3		
Thickness after aging										
Compression set	30% Max									
Average										

**7.4 Metal plate examination:**  
**Specified Sample Size – 3**  
**Actual Sample Size –**

Parameters	Specified Value	1	2	3
Metal Plate	No sharp edges & burrs			

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