

TEST (Conditions)	Method	Unit	Observed Value
Optimum Cure Time Tc90° (Rheography-MDR)	ASTM D-2084	Min	7.77
Tensile Strength	ASTM D-412 TY C	Kg/cm2	228
Elongation at Break	ASTM D-412 TY C	%	500
Hardness	ASTM D-2240	Shore A	68 (±5)
Tear Strength	ASTM D-624	Kg/cm	81
Relative Volume Loss (Abrasion-NRT)	IS-3400 P-3 Method A	Mm3	102
Adhesion Strength	ASTM D-429	Kg/inch	43.5
Mooney Scorch Time	IS 3600 VII 1988	Min	14
Mooney Viscosity	ASTM D-1646	MU	82
Ash Content	ASTMD 297 Sec35	% by Wt.	6.80
Specific Gravity	ASTM D-297	-	1.15
Compression Set (@70°C/24hrs/25% defle.)	ASTMD-395 Method-B	%	37
De-Mattia flexing (Cut-chip Growth up to 12mm)	ASTMD-813	kcs	20.0
Resilience at RT (Rebound)	BS-903-A8-Method-A	%	64
Heat Resistant	-	°C	Upto 90° C
Base Polymer/Rubber	-	-	Natural & Synthetic
Abrasion Resistant Index (@RT)	IS-3400-III	-	113
Modulus @ 100%	ASTM D-412	Kg/cm2	43

Note: In rubber products formulation and manufacturing process flow plays a vital role during manufacturing finish product, product mechanical properties will vary on product to product.

Internationally Accepted tolerance will be applicable on rubber parts each side size (ex. size x 0.005 mm).

TESTING FACILITY

- ⇒ Uniform Hardness Check
- ⇒ Tensile Strength
- ⇒ Elongation at Break
- ⇒ Angular Tier Test
- ⇒ Adhesion Bond Test
- ⇒ Ash Content Test
- ⇒ Specific Gravity
- ⇒ Curing Graph Tc 90 Rheography

- ⇒ Physical Dimensional Check
- In-house Test Certificate
- Remarks:** In-house Testing Laboratory
- Note:** on demand one can approach to Third Party Testing at other approved testing lab.

KEDAR RUBBER PRODUCTS PRIVATE LIMITED

Mfg.: All Types of Precision Rubber Products Specifically Ball Mill Rubber Liners.

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