



Innovative
Transformation
Naturally

www.mssreclaimrubbers.com



एचएच = इनीशिएटिव्ह

An ISO 9001:2008 Company



MSS Rubber & reclaims Pvt. Ltd. has started its operations since a decade with keeping in mind quality and integrity in its every granules of production.

MSS has got a large production in its class for the very demanding industry. They leads in transforming innovation naturally with their eco-initiative which means eco - friendly production. MSS uses pollution free imported chemicals in the production of reclaim rubbers, which add richness to the odorless eco-friendly reclaims.

MSS prioritize their responsibility in producing high quality, world class reclaim rubber and polymers. They have entered into the global market by supplying high quality reclaims to Egypt and Sri Lanka. They are widening their global network to many other countries, for which they are set to increase the production capacity. New products will also be launched in the expansion.



Reclaimed rubber is the product resulting from the treatment of ground vulcanized scrap rubber tires, tubes and miscellaneous waste rubber articles by the application of heat and chemical agents, followed by intense mechanical working. The regenerated rubber has almost the original plasticity, permitting the same to be compounded, processed and re-vulcanised.

During reclamation, the molecular weight of the elastomeric, component is substantially reduced, however the chemical unsaturation of finished reclaim is essentially unchanged from that of the original vulcanized

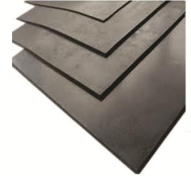


RECLAIM RUBBER
THE MAKING

INNOVATIVE TRANSFORMATION

WHOLE TYRE RECLAIM RUBBER

STANDARD SPECIFICATION						
S.No	PROPERTIES	UNITS	SUPER FINE MSS101SF	FINE MSS102F	COARSE MSS103C	HIGH TENSILE MSS75
CHEMICAL PROPERTIES						
01	ACETONE EXTRACT	%	14 +/- 2.5	14 +/- 3	14 +/- 3	14 +/- 3
02	ASH CONTENT	%	7 +/- 2	7 +/- 2	7 +/- 2	7 +/- 2
03	CARBON BLACK	%	25 +/- 3	27 +/- 2	27 +/- 2	26 +/- 2
04	RUBBER HYDRO CARBON	%	Min 47	Min 46	Min 46	Min 47
05	VOLATILE MATTER	%	Max 1	Max 1	Max 1	Max 1
PHYSICAL PROPERTIES						
06	SPECIFIC GRAVITY		1.12 +/- 0.02	1.12 +/- 0.02	1.12 +/- 0.02	Max 1.15
07	TENSILE STRENGTH	KG/SQ.CM	Min 45	Min 40	Min 35	Min 75
08	ELONGATION AT BREAK	%	Min 230	Min 200	Min 200	Min 250
09	HARDNESS	SHORE'A'	60 +/- 3	60 +/- 3	60 +/- 3	55 +/- 5
10	MOONEY VISCOSITY	MU	30 -- 55	25 -- 55	25 -- 55	40 -- 60
ML (1+4) @ 100 °C						



Industry	Application	SUPERFINE MSS101SF	FINE MSS102F	COARSE MSS103C	HIGH TENSILE MSS75
Automotive	Tyre tread	●	●		●
	Tyre side wall	●	●		●
	Tyre bead compound	●	●		●
	Tyre inner liner	●	●		●
	Inner tube				
	Flaps		●	●	
	Solid tyre	●	●	●	●
	Cycle tyre	●	●	●	●
	Re-tread	●	●		●
	EPDM profiles				
Hoses	●	●		●	
Industrial	Roofing & Road Surfacing				
	Adhesives(Tapes & Wrapping)				●
	Conveyor belts	●	●	●	●
	Pipes & tubes				
	Impact modification			●	
	Gasket & Oil seals				●
	Insulation sheets-sound & heat		●		●
Pond lining					
Cable compound					
Consumer	Sheeting / matting		●	●	●
	Footwear			●	



WHOLE TYRE POWDER

We keep high quality in the production of Whole tyre powder which is currently available in mesh sizes 20,24 and 30. Specific mesh sizes with bulk orders can be arranged.



CAPEXIL

Head Office : "Vanija Bhavan", 1/1, Wood Street, Kolkata - 700 016

REGISTRATION-CUM-MEMBERSHIP CERTIFICATE

M/s. **MSS RUBBER AND RECLAIMS PRIVATE LIMITED**

- Name of the exporter : M/s. **MSS RUBBER AND RECLAIMS PRIVATE LIMITED**
- IEC Number : **1006011838**
- a) Address of the Registered / Head Office including E-mail ID : **XXXI/1,SIYAD MANZIL, ASFA NAGAR, UNIVERSITY P.O, KALAMASSERY, BENGALURU, KERALA 682022. mssrubber@rediffmail.com**
- b) Address of factory : **XXLL/PSO,NO.8,ORVELOPHENT FLAT,ANGAMALLY SOUTH P.O,ERNAKULAM(DIST),KERALA STATE,PIN-683573**
- Date of establishment : **10-10-2005**
- Description of goods / services for which registered. : **RECLAIMED RUBBER**
- Registered as : a) Manufacturer b) Merchant c) Other
- Name of the Director (s) : **T.A.MAJEE**

This certificate is issued as per the details of our records as relevant scheme of registration of this council.

(To be filled in by the Registrar)

Registration No. : **CAPEXIL/1006011838/1006011838/1006011838/1006011838**

"The R.C.M.C. is issued as per para 2.64.1 of Handbook of Procedures WQA I 2014-14. However, R.C.M.C. is valid upto **31-03-2014** i.e. period for which membership fee has been paid."

Date of issue : **27-Jan-2014**

Valid / renewed upto : **31-Mar-2014**

Intertek

Expiration date: February 24, 2015

REACH Late Pre-Registration Certificate

In compliance with European Union Regulation No. 1907/2006 on the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH), the non-EU Manufacturer, as printed below, has appointed Intertek Deutschland GmbH to act as its Only Representative (OR) according to Article 8 of REACH regulation and completed the REACH Late Pre-Registration process for the following substance.

Manufacturer: **MSS rubber and reclaim Pvt Ltd.**
 place of business: **Siyaad Manzil, Arafa Nagar, University P.O., Kalamassery, Kerala, India**

Information:

Name	EC No.	CAS No.	Pre-registration Tonnage/annum	Pre-Registration number
Black	215-809-9	1333-86-4	10-100 tonnes	17-2120036077-81-0000
	231-722-6	1704-34-9	10-100 tonnes	17-2120036078-59-0000
	248-212-4	27080-90-6	10-100 tonnes	17-2120036079-57-0000

Information that, based on all available information known to Intertek Deutschland GmbH who is the Only Representative (OR) under the REACH regulation regarding the late pre-registration according to Article 8 of REACH regulation with respect to the above identified substance has been fulfilled.

Intertek Deutschland GmbH
 strasse 1
 Weiden-Echterdingen - Germany



Certificate of Registration

MSS RUBBER AND RECLAIMS PVT LTD
 No.9, Industrial Development Area, Angamaly South, Kerala-683 573, India

Operate a Management System That Complies With The Requirements Of

ISO 9001:2008

With the scope:
 Manufacturing and supply of Whole Tyre Reclaim Rubber

EA Code: 14

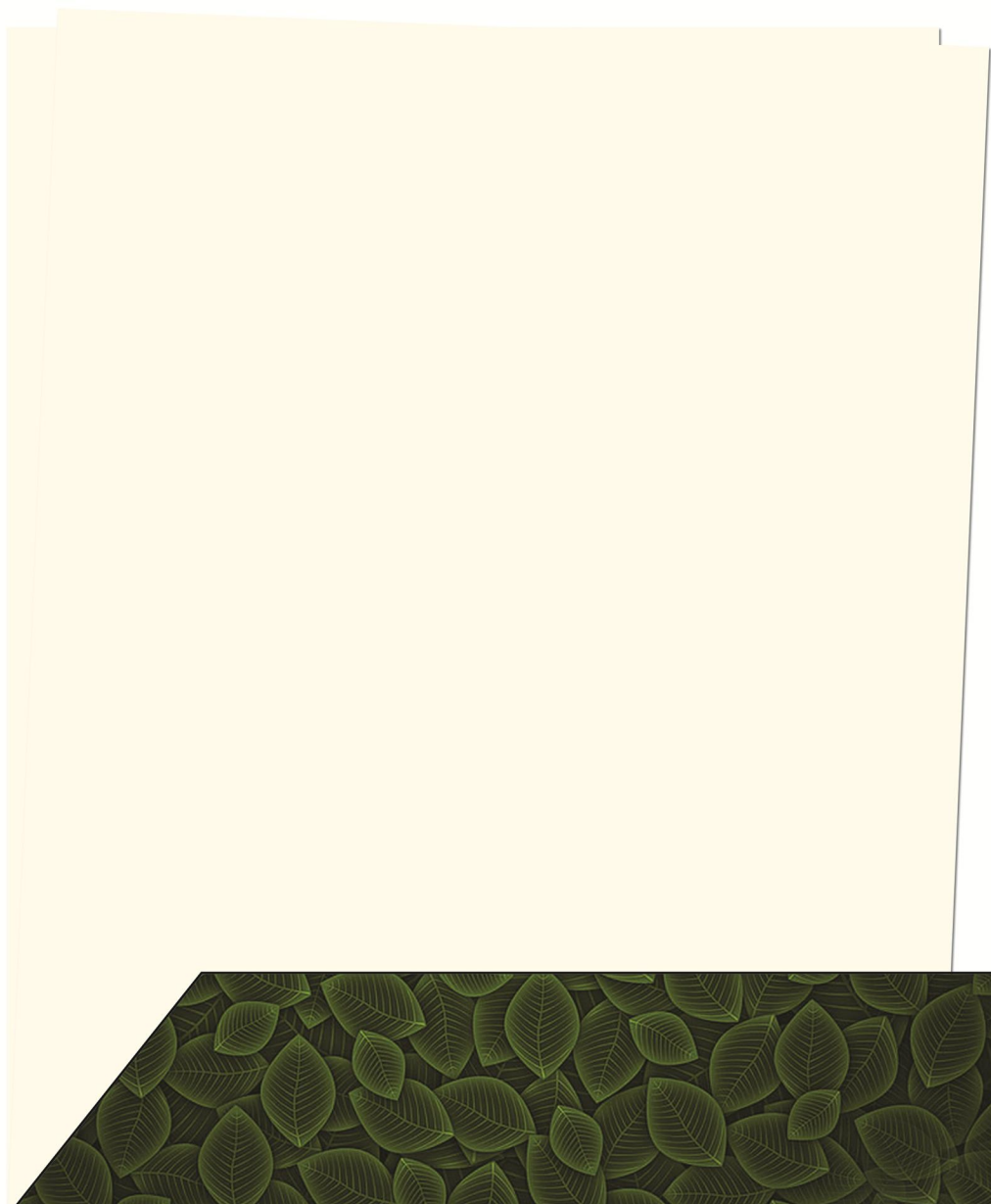
(Signature)
 Signed on behalf of WQA

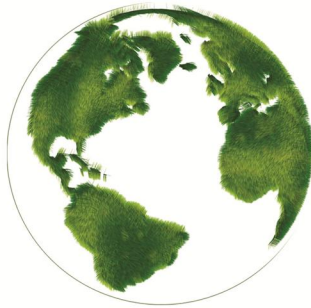
WORLDWIDE QUALITY ASSURANCE
 Unit 2, Lindsey Park, Bowburn North Industrial Estate,
 Bowburn, Co Durham, DH6 5PF, England, U.K.

To check the validity of this certificate
 Telephone +44(0) 845 880 8888 or Fax +44(0) 191 377 4327

Certificate No: **QM 4122**
 Originally Registered: **02nd January 2014**
 Registered by WQA: **02nd January 2014**
 Re-certification: **02nd January 2015**
 Amendment to: **02nd January 2014**







MSS RUBBER AND RECLAIMS PVT. LTD.

Regd. Office : XXI/16, Siyad Manzil
Arafa Nagar, University P.O, Cochin-22
Tel: 0484 2543786, 2540120
www.mssreclaimrubbers.com

Factory : No.9, Development Plot,
Angamaly South P.O, Kerala - 683 573
Tel: 0484 2455866, 2453620
E-mail: info@mssreclaimrubbers.com



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