



IRMRA

INDIAN RUBBER MANUFACTURERS RESEARCH ASSOCIATION

Affiliated to Ministry of Commerce & Industry (Government of India)

(A NABL (ISO - 17025-2005) Accredited Laboratory)

E-mail : info@irmra.org • Website : www.irmra.org

EVALUATION REPORT

Report No : RPT / 1160(B) / 15-16	10 Sep 2015	Page 1 of 3
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--- CUSTOMER DETAILS ---

Customer Name & Address :	
M/s.Sunflex Recycling Pvt Ltd 274/4, Shital Estate,Opp. Gujarat High Court, S.G.Highway,Sola, Ahmedabad, Gujarat, INDIA 380060	
Contact Person :	Sunit Patel
Telephone No :	27662051
Customer Letter Ref No with Date :	Dated 18 Aug 2015
Date of Receipt :	18 Aug 2015
Any Other Information like witness / third party	Reclaim Rubber

--- SAMPLE DETAILS ---

Sample Code / Description :	Radial Tyre Reclaim Rubber
Product Specification :	IS-7490-1997

--- REPORT DETAILS ---

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TECHNICAL REPORT / M & R

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Sample : Radial Tyre Reclaim Rubber Specn. IS-7490-1997

Test (Condition)	Method	Unit	Specified Value	Observed Value
Tensile Strength (Before Ageing.)	IS 6306 : RR8	N/mm ²	-	4.2
Elongation at break (Before Ageing.)	IS 6306 : RR8	%	-	190
Mooney Viscosity (ML1+4 @100 °C.) (On Raw)	IS 6306 : RR7	MU	-	40
Mooney Viscosity (ML1+8@125°C) (On Raw)	IS 6306 : RR7	MU	-	30

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TECHNICAL REPORT / C & I

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Sample : Radial Tyre Reclaim Rubber Specn. IS-7490-1997

Test (Condition)	Method	Unit	Specified Value	Observed Value
Ash Content (On Raw-By TGA)	ASTM E-1131	% by Wt	-	6.4
Carbon Black Content (On Raw-By TGA)	ASTM E-1131	% by Wt	-	30.1
Density	IS-6306:RR2	gm/cc	-	1.14
Acetone Extractable Matter (On Raw)	IS-6306:RR4	%	-	13.4
Total Rubber Hydrocarbon (On Raw-By TGA)	ASTM E-1131	% by Wt	-	50.1
Volatile Matter (On Raw)	IS-6306:RR1	%	-	0.55

Encl.: TGA graph.

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