Appendix

1. Test Certificate from XPRO India Limited

2. Test Certificate from Hindustan Composites Limited

3. Specifications of the ingredients

4. Chemical structure of the resin

5. Indian Industrial standard for testing brake pads
TEST REPORT
F 824 QA 48/03/01.03.2009

Test Report No: 11 F/ 0023RD
Date: 27/06/2011
Phone No: 02138 - 670441

Name of the Party: MADRAS INSTITUTE OF TECHNOLOGY, CHENNAI

Material: Phenolic Resin  Grade: PR/102 A
Party Reference: ***  P.S. NO: 1086
Packing Reference: 1 bags x 4.0  Quantity: 4.0 kgs

<table>
<thead>
<tr>
<th>S.No</th>
<th>Characteristics</th>
<th>Unit</th>
<th>Specification</th>
<th>Results</th>
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</thead>
<tbody>
<tr>
<td>1</td>
<td>FORM</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>2</td>
<td>SHADE</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>MELTING POINT</td>
<td>°C</td>
<td></td>
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</tr>
<tr>
<td>4</td>
<td>GEL TIME AT 150°C</td>
<td>Sec</td>
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<tr>
<td>5</td>
<td>NORTON FLOW AT 120°C( Horizontal 3 minutes )</td>
<td>mm</td>
<td>32.05</td>
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<tr>
<td>6</td>
<td>HEXA CONTENT</td>
<td>%</td>
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</tr>
<tr>
<td>7</td>
<td>SIEVE ANALYSIS</td>
<td>%</td>
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<tr>
<td>8</td>
<td>B.S.S MESH + 200</td>
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<tr>
<td>9</td>
<td>Melt ( K, Melt, Floet )</td>
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</tbody>
</table>

Batch No: F00461

AN ISO 9001:2008 CERTIFIED COMPANY

QUALITY ASSURANCE

Regional Office: 1st Floor, 13, CAREER Park, Opp. Apeejay College of Engineering, Salt Lake City, Kolkata-700101, West Bengal, India

Phone: +91-33-24722659, Fax: +91-33-24724157
E-mail: info@xproindia.com
Saturday, August 06, 2011

To
Mr. A. Rajadurai,
Professor & Head of the Department,
Production Technology,
Anna University,
MIT Campus,
Chennai.

Dear Sir,

Subject: Mr. Sai Balaji Academic Work carried out at our Technology Center.


This is with reference to above subject and reference, Mr. M. A. Sai Balaji having Registration Number 2914239102 visited our Technology centre to carry out experiments using our facility for his academic purpose.

He visited to our Technology centre for his research work,

16-04-2011 to 18-04-2011 & 5-8-2011 to 6-8-2011

Mr. M. A. Sai Balaji has carried experiment for Non Asbestos Disc Brake Pads formulations. The Disc Brake Pads were tested using our facilities and reports were handed over to him. Dynamometer testing for his final formulation is also carried out.

We wish him all the best for his research work for his academic purpose to be completed successfully.

With Regards,

For Hindustan Composites Limited,

T. N. Venkataramani
General Manager - R & D