

**Trade Name : Ajantox RM-W**

**Name of material : Thermoplastic Road marking Material**

**PIGMENTARY CHARECTERISTICS/CHEMICAL COMPOSITION**

<i>Parameters</i>	<i>Requirements as per MoRTH 803</i>	<i>Typical Result</i>
<b>Binder</b>	<b>18 % (Min.)</b>	<b>19%</b>
<b>Titanium dioxide</b>	<b>10% (Min.)</b>	<b>11%</b>
<b>Glass beads</b>	<b>30-40%</b>	<b>35%</b>
<b>Calcium carbonate &amp; inert fillers</b>	<b>42% (max)</b>	<b>34%</b>
<b>Colour</b>	<b>White</b>	<b>White</b>
<b>Day light luminescence at 45 degree</b>	<b>65 % min. as per AASHTO M 249</b>	<b>85%</b>
<b>Drying time</b>	<b>Not more than 15 minutes</b>	<b>&lt;5 minute</b>
<b>Skid resistance</b>	<b>Not less than 45 as per BS 6044</b>	<b>55</b>
<b>Crackling resistance at low temperature</b>	<b>The material shall show no cracks on application to concrete blocks</b>	<b>Pass</b>
<b>Softening point</b>	<b>102.5 °C ± 9.5 °C as per ASTM D 36</b>	<b>103 °C</b>
<b>Flow resistance</b>	<b>Not more than 25% as per AASHTO M 249</b>	<b>Not more than 25%</b>
<b>Yellowness index (for white)</b>	<b>Not more than 0.12 as per AASTHO M 249</b>	<b>0.1%</b>