

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