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Test results: Polymer Modified Bitumen (PMB) designated as PMB 70 (E)

(Supplied by M/s Jainidhi Bitumen specialities Pvt Ltd, Kolkata letter No: 739/M/2009-10 dt. 30.12.2009)

S No	Name of the Test	Test Results for PMB (Designated as PMB 70)	IS 15462- 2004 Specification
1	Penetration at 25 °C, 0.1mm, 100g, 5 sec	85	50 to 90
2	Softening Point (Ring and Ball), °C, min	61	55
3	Ductility @27 °C, cm	70+	+60
4	Flash point (COC) , min	260+	220
5	Elastic recovery of half thread in ductilometer at 15 °C, percent, min	80	75
6	Separation, difference in softening point (Ring and Ball), °C, max	3	3
7	Viscosity at 150 °C, Poise	4.9	2 to 6
8	Thin film over tests and tests on residue		
	(i) Loss in mass, percent, max	0.73	1.0
	(ii) Increase in Softening Point, °C, max	2.0	6.0
	(iii) Reduction in penetration of residue, 25 °C, percent, max	24.7	35.0
	(iv) Elastic recovery of half thread in ductilometer at 15 °C, percent, min	75	50


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