



# Kotak Asphalt LLP

Plant: Village Nana Lakhya, T. Lalpur, Jamnagar Dwarka Road, Jamnagar 361 280

Correspondence Address : Standard House,  
2nd Floor, Indira Gandhi Marg, Jamnagar 361001  
Tel.: (0288) 2553648, 2770060, 098248 50777  
Fax: (0288) 2553873 Email: kmkotak@kotakgroups.com

## TEST CERTIFICATE

Sample: PMB - 40

Sample Batch No 40/18

Date: 31/03/2018

(IRC: SP: 53 – 2010)

Sr. No	Characteristics	Result	Requirements	Method of Test	Annex
1	Penetration @ 25 °C 0.1 mm, 100 g, 5s	40	30-50	IS 1203	-
2	Softening Point (R & B) °C Min	71.6	65	IS 1205	-
3	Flash Point COC °C Min	269	220	IS 1209	-
4	FRASS* breaking point °C, Max	-NA-	-12	IS 9381	
5	Elastic Recovery of Half Thread in Ductilometer @ 15 °C, percent, min	70	60	-	2
6	Complex modulus (G*/sin δ) as Min 1.0 kPa at 10 rad/s, at a temperature, °C	82	76		1
7	Separation Difference in Softening Point (R & B) °C Max.	1.25	3	-	3
8	Viscosity @ 150 °C, Poise	7.52	5- 9	IS 1206 (Part 2)	-
9	Thin film Oven Test on Residue Loss in Mass, % Max	0.3	1.0	IS 9382	-
	Increase in Softening Point °C Max	2.25	5	IS 1205	-
	Reduction in Penetration of Residue @ 25 °C, % Max	26	35	IS 1203	4
	Elastic Recovery of Half Thread in ductilometer @ 25 °C, % Min	55	50	-	

\*FRASS Breaking point requirement will be applicable for areas of subzero temperatures.

FOR: KOTAK ASPHALT LLP



AUTHORISED SIGNATORY