Palayesh-e Hesar Mehran
Product Data Sheet

NACI/Lab 819

Penetration-Graded Asphalt Cement for Use in Pavement Construction
Bitumen 40-50

Date:12/25/2024
Rev:01

Specification, Unit	Test Method			Min	Max
	ASTM D946	AASHTO	INSO 12505-1		
Softening point, ºC	D36	T53	3868	49	-
Flash point, ºC	D92	T48	198	230	-
Penetration @ 25ºC 100g, 5s, 0.1 mm	D5	T49	2950	40	50
Solubility in trichloroethylene, %	D2042	T44	2953	99.00	-
Ductility @ 25ºC, cm	D113	T51	3866	100	-
Special weight @ 25ºC, g/cm^3	D70	T228	3872	To be reported	
Spot Test	-	T102	2949	Negative	
Thin-Film Oven Test					
Change of Mass after Heating, %	D1754	T179	2957	-	0.8
Retained Penetration @ 25ºC, % of original	D1754/D5	T49	2950	55	-
Ductility of Residue @ 25ºC, cm	D1754/D113	T51	3866	-	-

Note: For latest version please contact us.

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