



Palayesh-e Hesar Mehran Product Data Sheet



Viscosity-Grade Asphalt Cement for Use in Pavement Construction
Bitumen AC-20

Date:12/25/2024
Rev:01

Specification, Unit	Test Method			Min	Max
	ASTM D3381	AASHTO	INSO 12505-2		
Viscosity @ 60°C , Pa.s	D2171	T202	12851	200±40	
Kinematic Viscosity @ 135°C , mm²/s	D2170	-	12855	300	-
Penetration @ 25 °C , 0.1 mm	D5	T49	2950	60	-
Solubility in trichloroethylene , w %	D2042	T44	2953	99	-
Flash point , °C	D92	T48	198	230	-
Special weight @ 25°C, g/cm³	D70	T228	3872	To be reported	
Spot Test	-	T102	2949	Negative	
Permeability index	-	-	12505-2	-1.5	+1
Thin-Film Oven Test					
Viscosity @ 60°C , Pa.s	D2171	-	12851	-	1000
Ductility of Residue @ 25°C, cm	D1754/D113	T51	3866	50	-

Note: For latest version please contact us.

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