

BITUMEN AC-40

DESCRIPTION

It is a Most AC binders are used in hot applied surface treatments, but other uses include precoating, tack coat, and recycling. The AC nomenclature uses numbers to indicate the stiffness or viscosity of the asphalt. As the number get higher, the binder gets stiffer/harder. Designations are added for polymer additives (SBR for styrene-butadiene-rubber, P for styrene-butadiene-styrene block copolymer, and TR for tire rubber). Application temperatures of asphalt cements, especially the more viscous grades, are from 300°F to 400°F.

APPLICATIONS

The main common usage of this product is in road making at temperate regions.

HEALTH & SAFETY

The MSDS for this product can be obtained on request.

QUALITY SPECIFICATIONS

BITUMEN AC 40		
CHARACTERISTIC	AC 40	TEST METHOD
Viscosity 60 °C (140 °F) Pa.s	400±80	ASTM D 4402
Viscosity 135 °C (275 °F), Cst, Min	300	ASTM D 4402
Penetration 25 °C (77 °F), 100 g, 5s, 0.1mm, Min	20	ASTM D 5
Flash Point, Cleveland open cup, °C (°F), Min	230(450)	ASTM D 92
Solubility in Trichloroethylene, Min	99.0	ASTM D 2042
Test on Residue From Thin-Film Oven Test		
Viscosity Ratio ° 60C (°F), Pa.s, Max	2000	ASTM D 4402 - D 1754
Ductility ° 25C (° 77F), 5cm/min,Cm, Min	10	ASTM D 113