

Technical Data Sheet



Bitumen –Penetration Grades

Typical applications:

Penetration-grade bitumen is frequently employed in road construction, surfacing, and various industrial applications.

Technical Data:

Specification	Unit	Test method	10/20	40/50	60/70	80/100	AH/70
Specific Gravity @25°C	%wt	ASTM D-70	1.01-1.06	1.01-1.06	1.01-1.06	1.01-1.06	1.01-1.06
Penetration @25°C, 100gr, 5 Sec	0.1 mm	ASTM D-5	10-20	40-50	60-70	80-100	60-80
Softening Point, Ring & Ball, °C	°C	ASTM D-36	52-60	52-60	49-56	45-52	46-52
Ductility @25°C, min	cm	ASTM D-113	100.0	100.0	100.0	100.0	100.0
Ductility @10°C, min	cm	ASTM D-113	-	-	-	-	20
Loss on Heating, max	%wt	ASTM D-6	0.8	0.8	0.8	1	1
Drop in Penetration after Heating, max	%wt	ASTM D-5 & D-6	20.0	20.0	20.0	20.0	20.0
Flash Point Cleveland open-cup, min	°C	ASTM D-92	230	230	230	230	260
Solubility in CS,, min	%wt	ASTM D-4	99.5	99.5	99.5	99.5	99.5
Organic Matter Insoluble in CS,, max	%wt	ASTM D-4	0.5	0.5	0.5	0.5	0.5
Spot test	-	*A.A.S.H.T.O.102	Negative	Negative	Negative	Negative	Negative

*These data are according to ASTM D36-95 and UNI EN 1426 standards

Packaging

180 KG & 150 KG STEEL DRUM