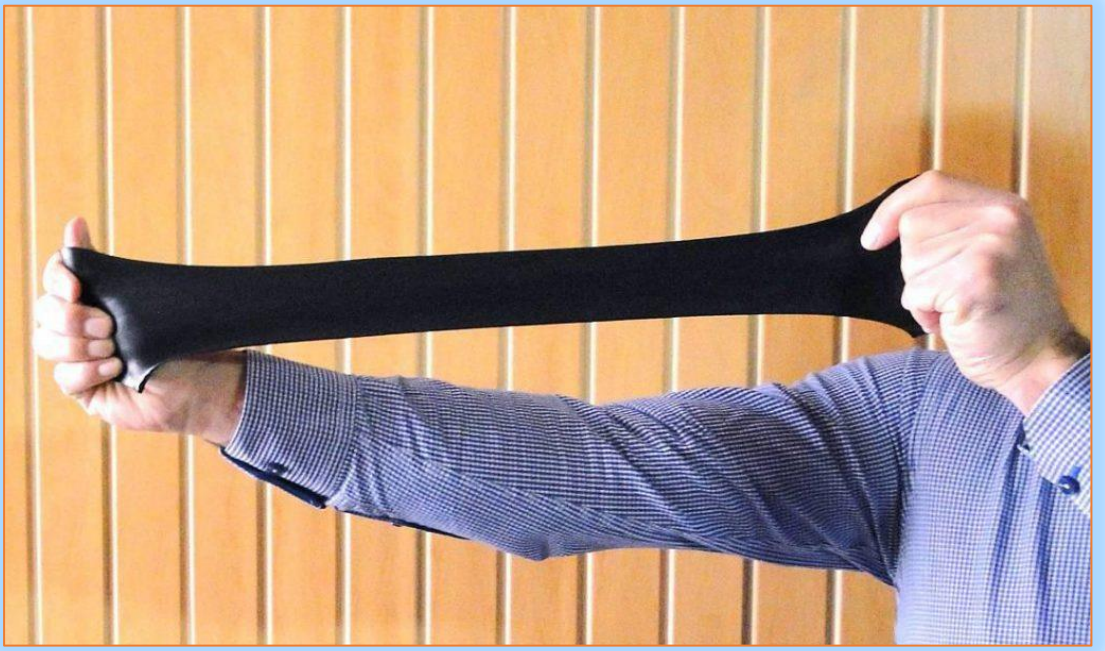
AkaBit EL64

Polymer Modified Bitumen



Elastomeric Stable Bitumen

- **Performance Grade, PG 64 -28**
- **Elastic Recovery more than 85%**
- **Softening Point more than 80°C**
- **Phase Separation less than 2.2°C**

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PG 64 -28

No.	Property		Unit	Method	Requirement	Value
1	Specific Gravity	at 25°C	g/cm3	ASTM-D70		1.01-1.03
2	Flash Point		°C	ASTM-D92	Min 230	> 280
3	solubility in Trichloroethylene		%	ASTM-2042	Min 99.0	> 99
4	Penetration	at 25°C	0.1mm	ASTM-D5		70-90
5	Softening Point		°C	ASTM-D36		> 80
6	Ductility	at 25°C	cm	ASTM-D113		> 80
7		at 10°C				> 60
8	Viscosity	at 135°C	mPa·s	ASTM-D4402		1500-2800
9		at 150°C				700-1100
10		at 180°C				200-500
11	Elastic Recovery	at 25°C	%	ASTM-D6084		> 85
12	Phase Separation		°C	ASTM-D7173		< 2.2
13	Dynamic Shear, G*/sin δ (unaged)	at 64 °C	KPa	ASTM-D7175	Min 1.0	> 1.0
14	Dynamic Shear, G*/sin δ (RTFO)	at 64 °C			Min 2.2	> 2.2
15	Dynamic Shear, G*×sin δ (PAV)	at 25 °C			Max 5000	< 5000
16	BBR, Creep Stiffness (S)	at -18 °C	MPa	ASTM-D6648	Max 300	< 300
17	BBR, m-Value	at -18 °C	-		Min 0.3	> 0.3
18	RTFO Resudue, Mass Loss		wt%	ASTM-D1754	Max 0.8%	< 0.8
19	RTFO Resudue, Retained Penetration		%	ASTM-D5	Min 52%	> 52