

Technical Data Sheet

Bitumen 90/10

Oxidized asphalt 90/10 (in another word, oxidized bitumen 90/10, blown bitumen 90/10) is Semi Solid grade of pure petroleum bitumen manufactured by air-blowing through an asphalt flux. Special physical properties of its grade can be used in different applications in the construction business. **Oxidized asphalt 90/10** is based on petroleum bitumen which is made by oxidized asphalt 60/70 by hot air. The numbers relate to the midpoint of the material's softening point and penetration respectively.

Applications:

Oxidized asphalt 90/10 uses in the chemical, fuel, lacquers, varnishes, paint paper-pulp-board, textile processing, road construction, pavement, civil works, roofing, construction industries; sealing and insulating buildings, adhesive, crack seal and repairmen, construction materials additive, dust-binding, insulating and impregnating agent, make rubber and plastic products. The asphalt 90/10 products are for paving. also used in asphalt-based paints for corrosion protection of metals, in lining public works structures, adhesives in electrical laminates, base for synthetic turf; typical uses for asphalt 90/10 used also for water-proof application and corrosion resistance for pipe coating, Portland cement pavement, hydraulic applications, paint manufacturing, caulking, mastics, and damp proofing. asphalt 90/10 is using insulation and isolation bitumen membrane sheet. Also, Car undercoating Automobile industry is specially required for Blown Asphalt. Vehicle undercoating material is based on Bitumen. Bitumen provides excellent waterproof, dust proof and noise proof for automobile undercoating.

Properties	Test Method	Value
Specific gravity @ 25/25 cg	ASTM D 70	1.01-1.06
Color	ASTM D 5	5-15
Density @ 15°C	ASTM D 36	85-95
Kinematic viscosity @ 40°C	ASTM D 6	Max 0.2
Kinematic viscosity @ 100°C	ASTM D 92	Min 250
Viscosity index	ASTM D 4	Max 99.5
Flash Point	A.a.s.h.o.t 102	Negative