

Technical Data Sheet

Bitumen 60-70

The vast majority of bitumen used in asphalt for road construction is bitumen. The full name of this grade is bitumen penetration grade 60/70 and it is one of the most widely used bitumen grades in the world. Bitumen60/70 , also called smooth bitumen, works well in almost any application. Because this degree of bitumen is suitable for road construction in a wide range of temperatures (from -22 to +76).

Applications:

Its application in road construction projects and temperate climate, Production of some primary layers of asphalt and insulation, Its application in road construction and construction industry.

This material has uses. They are as follows:

1. Road surfacing: People use tar 60\70 as the main material in the production of asphalt.

They also use it as a primary layer in road construction and repair.

As a result, roads are resistant to corrosion, adhesion and reaction.

2. Insulation: People use tar 60\70 to produce different types of insulation such as waterproof and thermal insulation.
3. Surface coating: Individuals use pitch 60\70 in covering different surfaces such as sidewalks, parking, airports and other asphalt surfaces.

These coatings inhibit water & other climatic factors and make the surfaces resistant and beautiful.

4. Petroleum industry: People use tar 60\70 for a variety of uses in the petroleum industry such as the production of stabilizers, insulation, adhesives and oils.
5. Flooring, water and sewage industries, fire proofing , coating in construction & repair of roofs, production of insulation materials & adhesives, producing anti-corrosion materials.

People export a large amount of pitch 60\70 to other countries.

Properties	Unit	Specification	Test Method
Penetration @25°c	0.1 mm	60/70	ASTM D5
Specific gravity @ 25°c	g/cm ³	1.01/1.06	ASTM D70
Softening point °c	°c	49/56	ASTM D36
Ductility @25°c	Cm	100 min	ASTM D113
Loss on heating(wt) %	Wt%	0.2 max	ASTM D6
Drop in penetration after heating	%	20 max	ASTM D5-D6
Flash point	°c	250 min	ASTM D92
Solubility in CS2	Wt%	99 min	ASTM D4
Organic matter insoluble in CS2	Wt%	0.2 max	ASTM D4
Viscosity @ 60°c	p	2000±400	ASTM D-2171
Spot test	--	Negative	A.a.s.h.o.t 102