

ShaliPitch 95

Coal Tar Pitch For Aluminum / Graphite / Refractory Industry



STP Limited

Description

ShaliPitch 95 is a specially processed Coal Tar Pitch, produced from controlled distillation of coal tar. It is an important raw material for the manufacturing process for aluminum and steel in electric arc furnaces. The aluminum industry uses **ShaliPitch 95** as a binding agent in the production of carbon anodes. Also, **ShaliPitch 95** serves as a valuable ingredient in production of number of waterproofing, protective and binding compounds in masonry, steel and timber industry including waterproofing concrete structures, decks, as a saturant for roofing felts, flooring mastics, base for anti-corrosive paints, coal briquettes and damp proof courses. **ShaliPitch 95** conforms to ASTM and IS:216 standards.

Characteristics

Properties	ShaliPitch 95
Softening Point (R&B), °C	95 - 100
Quinoline Insoluble, %	5 - 12
Toluene Insoluble, %	22 min.
Coking Value, %	53 min.
Ash, %, max.	0.30
Moisture, %, max.	0.50
Beta Resin, %, min.	20 - 24
Viscosity, cps, 160°C, max.	2000
Specific Gravity, 27°C, min.	1.30
Distillate, % by weight, max. 0 - 270°C 0 - 300°C	 -- --

Application

- Binder for anodes in aluminum smelters and refractory mould.
- Surface filler.
- Motor bushes.
- Protective coatings.

Advantages

- Available in granular, pencil and liquid form.
- Low dust content.
- Easy melting with good flow.
- Low foreign matters and no heavy metal.

Application Methodology

For solid pitch, the material is melted at a temperature 80°C plus of its softening point. The molten pitch is used for soaking petro coke, ceramics, carbons for fusion and graphitization. For sealing slurry, the pitch is dissolved in solvents and then emulsified.

Health & Safety

- Use goggles and hand gloves and mask during application.
- Use skin cream before handling of solid material.
- Clean hands with warm soap water after application.

Packing

Available in both solid and liquid form. Solid is available in 50 kg HDPE bags and 1 MT Jumbo bag and drum whereas Liquid is supplied in specially designed insulated tankers.

Storage

Solid pitch in bags should be stored in a cool and dry shed. Bags should not be stacked over 5' height.



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Enhancing Structures' Life

PRODUCT RANGE

- Waterproofing & Insulation • Admixtures & Curing Compounds
- Sealants & Adhesives • Pourable & Injectable Grouts
- Repair, Rehabilitation & Retrofitting
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