

# Impregnated Pitch

## Product Datasheet

Impregnated pitch is ideally suitable for the impregnation of graphite electrodes, and for production of UHP grade electrodes.

The impregnating-grade coal tar pitch is a special type of coal tar pitch which has low content quinoline insoluble (QI), besides having lower values of softening point (SP), toluene insolubles (TI), coking yield and specific gravity (SG) as compared to that of the binder-grade coal tar pitch. It is used in large quantities to densify graphite electrodes employed in steel and chemical industry.

### APPLICATIONS

- ◆ Used in the production of advanced carbon products such as high-performance carbon fibre, needle coke, high-density high-strength graphite and carbon-carbon composites

### PERFORMANCE

- ◆ Low volatiles content and ash content providing good durability of electrodes
- ◆ Provides excellent durability and high-performance graphite electrodes
- ◆ Good thermal stability during storage

### TYPICAL QUALITY PROPERTIES

Property	Unit	Specification
Softening Point	Deg C	95 Max
Quinoline Insoluble	Wt %	3.0 Max
Toluene Insoluble	Wt %	20.00 Max
Coking Value	Wt %	40 Min
Ash Content	Wt %	0.20 Max
Moisture	Wt %	0.50 Max
Density	Gm/ml	1.26 Min

### PACKAGING

Packing Type	Quantity
Bulk bags	1000 Kg per bag

### PRODUCT FORM AND SAFETY DATA

- ◆ Direct contact can cause irritation and photosensitization (sunburn). This product may be absorbed through the skin in harmful amounts.
- ◆ Dust or vapours of this product can cause irritation in the respiratory tract. This product can affect the central nervous system causing nausea, dizziness and loss of coordination.



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our coal tar  
derivatives products

### TECHNICAL AND SALES CONTACT

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