



# TEKOR MINERALS



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# ABOUT US

TEKOR MINERALS is a company that specializes in developing innovative fluxes and carburisers for the Iron & Steel Industries. Our diversified experience in multiple industries helps us understand the customer's needs and deliver customized products designed to optimize their processes and reduce consumption by supplying highly effective and specially engineered products to meet their requirements.

Our continuous Research and Development backed with extensive industry knowledge and technical expertise helps us deliver superior products which are more Effective, Efficient, Economical and Environment-Friendly.



**60K+**

TPA Capacity



**150+**

Employees



**100+**

Customers



**15+**

Countries





# WHAT WE OFFER

## **CUSTOMISED SOLUTIONS**

We offer products that are tailor made as per requirements of our customers.

## **INNOVATIVE PRODUCTS**

We are an innovation driven organisation that strives to develop products which are more sustainable and techno-commercially superior.

## **ON TIME DELIVERIES**

We ensure consistent and timely information, communication and delivery.

## **QUALITY ASSURANCE**

Our Products are as per the committed specifications and dispatched only after a 3 stage testing approval.

## **COMPETITIVE PRICING**

Being a supply chain partner to Steel & Cement plants worldwide, we strive to increase the savings for our customers by offering competitive prices and leverage on usage of our products.

## **COMMITMENT EXECUTION**

Considering the volatility in the metals industry, our commitments are of paramount importance to us. An order once accepted will always be honoured.

## **FINANCE**

We offer unique and customised payment terms for enhancing further savings for our customers.

# CALCINED PETROLEUM COKE



Particulars	Grade I	Grade II	Grade III	Grade IV
Fixed Carbon (FC)	98.5 % Min	98.5 % Min	98.5 % Min	97 % Min
Volatile Matter (VM)	0.5 % Max	0.5 % Max	0.5 % Max	1.5 % Max
Ash	0.5 % Max	0.5 % Max	0.5 % Max	1.5 % Max
Moisture	0.5 % Max	0.5 % Max	0.5 % Max	0.5 % Max
S	01 % Max	1.5 % Max	02 % Max	02 % Max

# FLUORSPAR

Particulars	Grade I	Grade II	Grade III	Grade IV	Grade V
CaF <sub>2</sub>	97 % Min	95 % Min	90 % Min	85 % Min	80 % Min
CaCo <sub>3</sub>	01 % Max	02 % Max	04 % Max	04 % Max	04 % Max
SiO <sub>2</sub>	1.50 % Max	03 % Max	04 % Max	04 % Max	04 % Max
P	< 0.060 %	< 0.030 %	< 0.030 %	< 0.030 %	< 0.030 %
S	< 0.065 %	< 0.025 %	< 0.025 %	< 0.025 %	< 0.025 %
Size	Powder	Powder or Briquette			



# FERRO SILICON BRIQUETTES



Particulars	Grade I	Grade II	Grade III
Silicon (Si)	70 % Min	65 % Min	45 % Min
Aluminium (Al)	02 % Max	02 % Max	02 % Max
Carbon (C)	01 % Max	01 % Max	01 % Max
Phosphorous (P)	0.02 % Max	0.02 % Max	0.02 % Max
Sulphur (S)	0.02 % Max	0.02 % Max	0.02 % Max

# SLAG REDUCER & CONDITIONER BRIQUETTES

Particulars	Grade I	Grade II	Grade III
Aluminium (Al)	10 % Min	-	-
Alumina (Al <sub>2</sub> O <sub>3</sub> )	50 % Min	50 % Min	70 % Min
Calcium Oxide (CaO)	20 % Max	30 % Min	09 % Max
Magnesia (MgO)	08 % Max	06 % Min	04 % Max
Silica (SiO <sub>2</sub> )	10 % Max	10 % Max	12 % Max



All parameters can be tailored as per customer requirements

# CALCINED DOLOMITE



Particulars	Content
Calcium Oxide (CaO)	60% Min
Magnesium Oxide (MgO)	30% Min
R2O3 (Al2O3 + Fe2O3)	1% Max
Silica (SiO2)	1.5% Max
Loss on Ignition(LOI)	4% Max
Sulphur (S)	0.05% Max
Particle size	10 MM - 80 MM (+/-5%)
Colour	White

# ALUMINIUM INGOTS & SHOTS

Particulars	Grade I	Grade II	Grade III
Aluminium (Al)	94 % Min	97 % Min	98 % Min
Silicon (Si)	04 % Min	02 % Max	01 % Max
Iron (C)	0.60 % Max	0.60 % Max	0.60 % Max



## READYWHITE



Readywhite is a product primarily designed to enable integrated steel plants to make direct heats.

It results in lower Aluminium consumption and eliminates the need to use any synthetic slag.

Specifications and trials can be offered on request.

## SYNTHETIC FLUORSPAR



**(A cheaper and more effective replacement to fluorspar)**

Synthetic Fluorspar is a product specially engineered to condition the slag. Synthetic Fluorspar completely replaces the use of fluorspar while also reducing and maintaining the slag viscosity at the desired level.

## METALLURGICAL FLUX



Metallurgical Flux is a chemically engineered product developed to replace Aluminium notches/ bars/shots, Ferro Aluminium & Silico Manganese.

### **Benefits**

- Eliminates use of Aluminium / Ferro Aluminium
- Reduces Consumption of Silico Manganese
- Improves Manganese recovery
- Reduces metal carryover in Slag
- Controls grain size



# OUR CUSTOMERS

	 <p>सेल SAIL</p>	 <p>Bhushan POWER &amp; STEEL</p>	 <p>JINDAL SHADEED <small>JINDAL SHADEED IRON AND STEEL, LLC</small></p>	 <p>Mahindra SANYO</p>	 <p>KALYANI <small>BEVING. INNOVATION.</small></p>	 <p>UTTAM <small>The Best that Steel can be</small></p>	 <p>MUKAND <small>Infinite resolve</small></p>
 <p>JSL <small>JINDAL STAINLESS</small></p>	 <p>VIRAJ Viraj Profiles Limited</p>	 <p>SYNERGY STEELS LTD</p>	 <p>RAJPUTANA STAINLESS LIMITED</p>	 <p>MSP</p>	 <p>ADITYA BIRLA HINDALCO</p>	 <p>UltraTech CEMENT <small>The Engineer's Choice</small></p>	 <p>JKcement</p>

# OUR REACH

