



PARSIAN ARVAND PETROLEUM COKE CO.



Petroleum Coke Parsian Arvand Co. is an integrated industrial specializing in producing calcined petroleum coke. It is located in Khorramshahr industrial park, Arvand Freezone. Its main areas of involvement include the research and development, production and sales of CPC.



For subsequent industrial use, the petroleum coke must be thermally cleaned in a „calciner“ at temperatures of around 1400°C, which then creates so-called „calcined petroleum coke“. As well as being used as a carburizing agent, calcined petroleum coke is used e.g. as anode coke in both the aluminum industry and the heat treatment of steel.



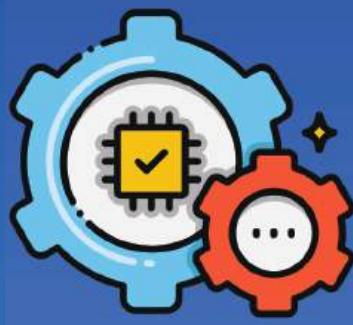


Total Area: 150,000 m²

Total Unit Area: 53,000 m²



Production Capacity:
Phase I: 80 KTA
Phase II: 160 KTA



Licensor: FFE MINERAL



Product quality

PAPC Company produce a quality product specification from sponge pitch cokes. The real and vibrated bulk densities are optimized in the rotary kiln calcining system. Also, fines in the calcined product are decreased thus enhancing critical elements of product quality.



CPC Grade ST-01

Index	Typical	Unit	Value	Standard Method	Technique
Ash Content	0.6	%	Max	ISO8005	Combustion
Moisture	0.2	%	Max	ISO114012	Heating
Volatiles	0.5	%	Max	ISO9406	Combustion
Fixed Carbon	98		Min		
Sulfur	0.75	%	Max	ISO12980	XRF-ICP
Sizing	Based on Customer Request	-	-	ISO12984	Sieving

**PARSIAN ARVAND
PETROLEUM
COKE**

CPC Grade AL-02

Index	Typical	Unit	Value	Standard Method	Technique
Ash Content	0.6	%	Max	ISO8005	Combustion
Moisture	0.2	%	Max	ISO114012	Heating
Volatiles	0.5	%	Max	ISO9406	Combustion
True Density	2.07±0.07	g/cm ³		ASTM D5004	Pyknometry
Bulk Density	0.85	g/cm ³			
V	100	ppm	Max	ISO12980	XRF-ICP
Fe	500	ppm	Max	ISO12980	XRF-ICP
Si	200	ppm	Max	ISO12980	XRF-ICP
Nickel	100	ppm			
Sulfur	0.75	%	Max	ISO12980	XRF-ICP
Particle Size > 6mm	30-45	%	Max	ISO12984	Sieving
Particle Size <1mm	20	%	Max	ISO12984	Sieving



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Factory

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