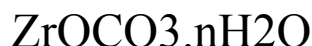




BHALLA CHEMICAL WORKS PVT LTD

Zirconium Carbonates



Typical Product Specifications

Chemical Properties

Element	Unit	Specification Standard Grade	Specification NF Grade	Specification Hi-Purity Catalyst Grade
ZrO ₂ +HfO ₂	%	41.0~42.0	41.0~42.0	41.0~42.0
SiO ₂	%	<0.10	<0.03	<0.005
TiO ₂	%	<0.10	<0.002	<0.002
Fe	ppm	<30	<20	<10
Na ₂ O	%	<0.05	<0.03	NH ₄ : <150 ppm (Sodium <10 ppm)
SO ₄	%	<0.05	<0.03	<0.0050
Dispersion		5~6	4~5	7~8
pH				
CO ₂	%	8~9	8~9	7~8
Acid Solubility		100% in All mineral Acids	100% in All mineral Acids	100% in All mineral Acids

Physical Properties

Characteristic	Specification Standard Grade	Specification NF Grade	Specification Hi-Purity Catalyst Grade
Appearance	White Precipitated Centrifuged Cake.	White Precipitated Centrifuged Cake.	White Precipitated Centrifuged Cake.

Note: The above-mentioned grades are those typically produced by company. Customer Specific modifications to the above products can also be done.

Applications	Standard Grade	NF Grade	Catalyst Grade
	Zr Octoates	Anti Prespirant Actives	Zr Nitrates
		Zr Acetates & Solutions	Catalyst Application
		Metal Surface Treatment	

Standard Packaging: 25 Kg HDPE Bags with inside Polythene Liner, 500Kg/ 1000 Kg Jumbo Bags with Inside Polythene Liner duly palletized

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(The Contents of this sheet are given in good faith but without warranty)