

**ZIRCONIUM DIOXIDE**

Compilation: July 2023

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**1 CHEMICAL ANALYSIS**

Product Code	ZrO <sub>2</sub> + HfO <sub>2</sub> (%)	SiO <sub>2</sub> (%)	Fe <sub>2</sub> O <sub>3</sub> (%)	TiO <sub>2</sub> (%)	Na <sub>2</sub> O (%)
ZP-R1-2D0	≥99.9	≤0.01	≤0.001	≤0.002	≤0.002
ZP-R2-3D0	≥99.5	≤0.01	≤0.001	≤0.003	≤0.005
ZP-R3-6D0	≥99.5	≤0.01	≤0.002	≤0.005	≤0.005
ZP-R4-G	≥99.5	≤0.02	≤0.005	≤0.005	≤0.005
ZP-R5-M60	≥99.5	≤0.02	≤0.005	≤0.005	≤0.005
ZP-R6-1D0	≥99.5/99.9	≤0.01	≤0.001	≤0.005	≤0.005
ZP-R7-1D0	≥99.5/99.9	≤0.01	≤0.001	≤0.005	≤0.005
ZP-RJ	≥99.5	≤0.05	≤0.01	≤0.005	≤0.01

**2 PARTICLE SIZE**

Product Code	Average Particle Size D <sub>50</sub> (µm)
ZP-R1-2D0	2-3
ZP-R2-3D0	3-6
ZP-R3-6D0	6-8
ZP-R4-G	Grain
ZP-R5-M60	60-325 Mesh
ZP-R6-1D0	<1
ZP-R7-1D0	<1
ZP-RJ	3-6

**3 PHYSICAL PROPERTIES**

Product Code	BET (m <sup>2</sup> /g)	I.G. Loss (≤%)
ZP-R1-2D0	1-4	0.5
ZP-R2-3D0	2-6	0.5
ZP-R3-6D0	2-6	0.5
ZP-R4-G	2-6	0.5
ZP-R5-M60	2-6	0.5
ZP-R6-1D0	3-7	1.0
ZP-R7-1D0	3-7	1.0
ZP-RJ	2-6	0.4

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**4 OTHER INFORMATION**

Origin:	China
Packaging:	25 kgs Drums
HS Code:	282560