

ZIBO JINGGAN REFRACTORY IMPORT AND EXPORT CO.,LTD

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Wear Resistant Steel Ball For Cement Industry



1,Description of Wear Resistant Steel Ball For Cement Industry:According to the strict proportion of various raw materials used, the medium frequency furnace is used for smelting, constant temperature casting, quenching treatment, and the qualified products are obtained after inspection and selection.The products have high chromium content, high hardness and low wear rate. Therefore, they are widely used in cement industry, mining industry, electric power industry and other fields.

2,Technical index of Wear Resistant Steel Ball For Cement Industry

High chromium wear resistant cast ball

ITEM	ZQCr10	ZQCr17	ZQCr20	ZQCr26
C %	2.0-3.6	2.0-3.6	2.0-3.6	2.0-3.6
SI %	0.3-1.3	0.3-1.3	0.3-1.3	0.3-1.3
Mn %	0.3-1.4	0.3-1.4	0.3-1.4	0.3-1.4
Cr %	10-12	17-19	20-22	26-28
P %	≤0.09	≤0.09	≤0.09	≤0.09
S %	≤0.09	≤0.09	≤0.09	≤0.09
Hardness	≥58	≥60	≥62	≥65

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HRC				
Impact value Ak(j/cm ²)	≥4.0	≥4.2	≥4.3	≥4.5
Metallographic structure	M+C	M+C	M+C	M+C
Impact life of falling ball times	≥15000	≥18000	≥20000	≥22000
Wear rate g/ton cement	≤55	≤50	≤48	≤48

3. Features of Wear Resistant Steel Ball For Cement Industry

- 1) alloy composition, metallographic structure is mainly M + C
- 2) high hardness, ≥60HRC, good wear resistance, wear rate ≤ 50g / Ton cement
- 3) impact resistance, impact life ≥ 20000 times
4. Packing method: it is packed in iron bucket and then fixed on wooden pallet for convenient transportation
5. Our advantages: our factory is Meilin Technology Co., Ltd., a professional factory for the production of wear-resistant steel balls, the first factory in Asia, adopting advanced production technology and testing equipment to ensure that the products are 100% qualified and exported to more than ten countries.
6. Good feedback of product use effect, the products have been exported to Australia, Oman, Mexico
7. The manufacturer is a professional manufacturer and can provide complete product index test reports or third-party test reports.

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