

BAFFLE BRICKS

Common materials to produce baffle bricks include mullite, corundum mullite and electrocast corundum.

Our company also manufactures baffle bricks made of chrome corundum and zirconia corundum mullite. These can specifically be used in bad conditions while boasting high slag resistance and good anti-scouring.

Note: Physiochemical performance indicators of baffle bricks made of chrome and zirconia mullite are basically the same as preceding indicators, Specifications comply with customers requests.

Physiochemical Performance Indicators

Item	Material	Corundum Mullite DBZ-60	Corundum Mullite DBZ-70	Corundum Mullite DBZ-75	Electrocast Corundum DBZ-80	Electrocast Corundum DBZ-85
Content of Al_2O_3 (%)		≥60	≥70	≥75	≥80	≥85
Bulk Density (g/cm ³) 1500°C x 3h		≥2.5	≥2.5	≥2.55	≥2.6	≥2.65
Compressive Strength (MPa) 1500°C x 3h		≥70	≥80	≥90	≥100	≥110
Flexural Strength (MPa) 1500°C x 3h		≥8.0	≥8.5	≥9.5	≥11	≥12
Linear Change (%) 1500°C x 3h		≤±0.6	≤±0.5	≤±0.4	≤±0.3	≤±0.2
Maximum Service Temperature (°C)		1450	1550	1550	1600	1650

We customize all products and materials to individual customer needs and specifications.