



Wear-resistant Liner

Ceramic Rubber Composite (Rubber Backed Tile)

Main Technical Parameter of Wear-Resistant Ceramic

No.	Item	Unit	Index
1	Bulk Density	g/cm ³	≥3.6
2	Compressive Strength	Mpa	≥850
3	Alumina Content	%	≥92
4	Rockwell Hardness (HRA)		≥80
5	Fracture Toughness (KIC)	MPa•m ^{1/2}	≥4.8
6	Bending Strength	MPa	≥290
7	Thermal Conductivity	W/m.K	20
8	Thermal Expansivity	W/m.K	7.210 ⁻⁶

Main Technical Parameter of Rubber

No.	Item	Unit	Index
1	Tensile Strength (TSB)	Mpa	≥14
2	Break Extension	%	≥350
3	Shore Hardness	degree	55~65
4	Break Permanent Deformation	%	≤24
5	Rubber and ceramic adhesion force (Shearing Stress)	Mpa	≥3.0
6	Temperature Resistance	°C	≤100
7	Rubber Aging Life	year	≥15
8	Gap Between Tile	mm	0.8-1.0
9	Rubber Edge	mm	1.5-2.0

Mining Products

- Wear Protection • Equipment & Machinery
- Drilling and Blasting • Engineering Plastics
- Consumables • Safety