

DUNITE

BLAST FURNACE SLAG CONDITIONER

Physical properties

Apparent porosity	< 1.5 %
Bulk specific gravity	2.8 g/cm ³
Melting point	1450 °C
Hardness Mohs scale	6.5 - 7
Cold crushing strength	90 MPa

Chemical Analysis

MgO	37 %
SiO ₂	40.5%
Al ₂ O ₃	2.5%
Fe ₂ O ₃	8.3%
CaO	1.9%
Na ₂ O + K ₂ O	<0.22%

Particle size distribution (%)

Dunite 0 - 3 mm

Sieve analysis

> 3 mm	7%
1 to 3mm	43%
< 1 mm	50%

Dunite 10 - 40 mm

Sieve analysis

> 40mm	1%
8 to 40mm	77%
10 to 18 mm	20%
< 10 mm	2%

