

Anode آند

ANODE			
Specification	Typical	Unit	Value
Real Density	2.05	g/cm ³	Min
Apparent Density	1.54 - 1.6	g/cm ³	-
Air permeability	0.5 - 2	npm	-
Compressive Strength	40 - 55	N/mm ²	-
Youngs module	3.5 - 5.5	Gpa	-
Flexural Strength	8 - 14	N/mm ²	-
Spe. Elec. Resistance	50-60	μΩm	-
Cof. Lin. Thermal	3.5-5	μm/(k.m)	-
Thermal Conductivity	3 - 4.5	W/(k.m)	-
Ash	0.5	%	Max
Air Reactivity residue	70 - 85	%	-
Dust	2- 10	%	-
Lost	8-30	%	-
CO ₂ Reactivity residue	84-95	%	-
Dust	1-10	%	-
Lost	4-10	%	-
Elements			
S	0.5-3.5	%	-
V	30-320	PPM	-
Fe	100-500	PPM	-
F	150-600	PPM	-
Ca	50-200	PPM	-
AL	150-600	PPM	-
Ni	40-200	PPM	-

specification as per customer request

مشخصات فنی بر اساس درخواست مشتری قابل تغییر می باشد.

CATHODE

ANODE

Cathode کاتد

Cathode Block			
Specification	Typical	Unit	Value
Real Density	1.95-2	gr/cm³	-
Apparent Density	1.55	gr/cm³	Min
porosity	15-20	%	-
Compressive Strength	30	N/mm²	Min
Young's Modul	11	KN/mm²	Max
Flextural strength	10	N/mm²	Min
Specific electrical resistance	25	$\mu\Omega\text{m}$	Max
Coeff. Of Thermal expansion	2	$\mu\text{m/k.m}$	Max
Thermal Conductivity	17	W/k.m	Min
Ash	2.5	%	Max

specification as per customer request

مشخصات فنی بر اساس درخواست مشتری قابل تغییر می باشد.

CATHODE

ANODE