



OXIN FARAYAND PARS CO.

UHP 500 Electrode Data

Electrode grade	UHP
Diameter	505 - 511 mm
Length	1800 (± 100) mm
Resistivity	5.5 $\mu\Omega$ m Max
Elastic Modulus	8.0Gpa Max
Bulk Density	1.69g/cm ³ Min
ASH	0.3% Max
CTE (20°C-100°C)	1.4 x10 ⁻⁶ /°C Max
Bending Strength	12.0 Mpa Min
The Percentage of Porosity	20-26%
Weight	611-621 Kg per piece
Current carrying capacity	38000-55000A

Nipple Data

Diameter	269.88 mm
Length	457.20 mm
Resistivity	3.8 $\mu\Omega$ m Max
Elastic Modulus	17.0Gpa Max
Bulk Density	1.80g/cm ³ Min
ASH	0.2% Max
CTE(100°C-600°C)	1.2x10 ⁻⁶ /°C Max
Bending Strength	22.0 Mpa Min
Weight	34/kg per piece
Current carrying capacity	38000-55000A
Kind of Thread	269T4L
Consumption Rate	1.8 kg/ton

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