



OXIN FARAYAND PARS CO.

UHP 400 Electrode Data

Electrode grade	UHP
Diameter	403 - 409 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)	0.7 x10-6/°C Max
Bending Strength	12.0 Mpa Min
The Percentage of Porosity	20-26%
Weight	390-403 Kg per piece
Current carrying capacity	25000-40000A

Nipple Data

Diameter	222.25 mm
Length	355.60 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	17.4/kg per piece
Current carrying capacity	25000-40000A
Kind of Thread	222T4L
Consumption Rate	2.0 kg/ton or less

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