



OXIN FARAYAND PARS CO.

UHP 550 Electrode Data

Electrode grade	UHP
Diameter	552 - 563 mm
Length	2400 (\pm 100) mm
Resistivity	4.7 $\mu\Omega$ m Max
Elastic Modulus	8.0Gpa Max
Bulk Density	1.73g/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	985-997 Kg per piece
Current carrying capacity	45000-65000A

Nipple Data

Diameter	298.45 mm
Length	457.20 mm
Resistivity	3.7 $\mu\Omega$ m Max
Elastic Modulus	17.0 Gpa Max
Bulk Density	1.80 g/cm ³ Min
ASH	0.2 % Max
CTE(100°C-600°C)	1.2 x10 ⁻⁶ /°C Max
Bending Strength	22.0 Mpa Min
Weight	42.5 /kg per piece
Current carrying capacity	45000- 65000A
Kind of Thread	298T4L
Consumption Rate	1.8 kg/ton

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