



OXIN FARAYAND PARS CO.

UHP 700 Electrode Data

Electrode grade	UHP
Diameter	710 - 714 mm
Length	2700 (±100) mm
Resistivity	5.5 $\mu\Omega\text{m}$ Max
Elastic Modulus	8.0Gpa Max
Bulk Density	1.69g/cm ³ Min
ASH	0.2% Max
CTE (20°C-100°C)	0.9 x10 ⁻⁶ /°C Max
Bending Strength	12.0 Mpa Min
The Percentage of Porosity	20-24%
Weight	1796-1806 Kg per piece
Current carrying capacity	70000-120000A

Nipple Data

Diameter	374.65 mm
Length	558.80 mm
Resistivity	3.8 $\mu\Omega\text{m}$ Max
Elastic Modulus	17.0Gpa Max
Bulk Density	1.80g/cm ³ Min
ASH	0.2% Max
CTE(100°C-600°C)	0.9x10 ⁻⁶ /°C Max
Bending Strength	24.0 Mpa Min
Weight	84.0 kg per piece
Current carrying capacity	70000-120000A
Kind of Thread	374 T4L

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