



OXIN FARAYAND PARS CO.

UHP 450 Electrode Data

Electrode grade	UHP
Diameter	452 - 459 mm
Length	1800 (±100) mm
Resistivity	5.5 $\mu\Omega$ m Max
Elastic Modulus	8.0Gpa Max
Bulk Density	1.70g/cm ³ Min
ASH	0.2% Max
CTE (20°C-100°C)	1.3 x10 ⁻⁶ /°C Max
Bending Strength	12.0 Mpa Min
The Percentage of Porosity	20-24%
Weight	459-510 Kg per piece
Current carrying capacity	32000-45000A

Nipple Data

Diameter	241.30 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	21/kg per piece
Current carrying capacity	32000-45000A
Kind of Thread	241T4L

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