

# DATASHEET GRAPHITE ELECTRODES

## Graphite Electrodes dia. from 75 to 700mm

SPECIFICATION		UNIT	HP	SHP	UHP
Bulk Density		(g/cm <sup>3</sup> )	<i>min. 1,65</i>	<i>min. 1,66</i>	<i>min. 1,68</i>
Electrical Resistance		μΩm	<i>max. 6,5</i>	<i>max. 6,0</i>	<i>max. 5,5</i>
Bending strength		Mpa	<i>min. 12,0</i>	<i>min. 12,5</i>	<i>min. 16,0</i>
Elastic Modulus		Gpa	<i>max. 10,5</i>	<i>max. 10,5</i>	<i>max. 12,0</i>
C.T.E.		10 <sup>-6</sup> /K	<i>max. 2,2</i>	<i>max. 2,2</i>	<i>max. 1,2</i>
Ash		%	<i>max. 0,25</i>	<i>max.0,25</i>	<i>max. 0,10</i>



**CTPS**

PRODOTTI  
SPECIALI  
DAL 1993