

RP GRAPHITE ELECTRODE 普通功率石墨电极

Description: Regular Power graphite electrode use 100% top-quality Chinese petroleum coke

Application: Ladle and EAF



Product Brand		Unit	Nominal Diameter (mm)		
			YB/T4088-2000 Industry Standard		Typical Values
			250-300	350-550	300-550
Electric Resistivity	Electrode	$\mu\Omega \cdot m$	≤ 9.0	≤ 9.0	7.4-8.8
	Nipple		≤ 8.5	≤ 8.5	4.4-5.5
Bending strength	Electrode	Mpa	≥ 7.8	≥ 6.4	≥ 8.0
	Nipple		≥ 13.0	≥ 13.0	≥ 15.0
Elastic modulus	Electrode	Gpa	≤ 9.3	≤ 9.3	≤ 9.0
	Nipple		≤ 14.0	≤ 14.0	≤ 13.0
Bulk density	Electrode	g/cm ³	≥ 1.52	≥ 1.52	1.55-1.60
	Nipple		≥ 1.68	≥ 1.68	1.70-1.76
Ash	Electrode	%	≤ 0.5	≤ 0.5	≤ 0.3
	Nipple				
CTE (100-600) °C	Electrode	10-6/°C	≤ 2.9	≤ 2.9	2.0-2.6
	Nipple		≤ 2.8	≤ 2.8	1.5-1.8