

सामग्री सूची संख्या
 को अधिकृत करता है |
 SUPERSEDES
 INVENTORY NO.

9. SELECTION OF TEST SAMPLES: As per EN 10088, part 2.

10. MECHANICAL PROPERTIES:

Following mechanical properties shall be achieved at room temperature:

0.2% Proof Stress (N/mm ²) (Min.)	Tensile Strength (N/mm ²)	Elongation on 5.65 √S ₀ (Min)		Impact Value* (min), Joule	
		L	T	L	T
205	510 – 690	L	T	L	T
		35	22	65	45

(* Applicable for plates ≥ 10 mm thickness only. Average of three ISO V samples.)

11. MARKING: As per EN 10088.

12. TEST CERTIFICATE:

Unless otherwise stated in the order, three copies of test certificates shall be supplied as per 3.1 of EN10204. The following details shall be furnished in the test certificate:

- Material designation
- Melt no. and Melt analysis
- Heat treatment detail
- Results of mechanical tests
- Result of mix up test
- Result of size test
- Surface condition.

13.0 CLEARANCE FOR DELIVERY:

- The clearance for dispatch is based on the total results of all tests performed considering the service stresses of the component.
- BHEL evaluates the total results taking into consideration the intend use of material and examines the permissibility of deviation (if any) from the specified properties.
- The clearance, however, does not relieve the supplier of his responsibility for the hidden non permissible defects which are found at later stage of manufacturing.

14.0 CROSS REFERRED STANDARDS:

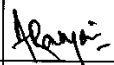
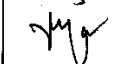
EN10088, EN10204, EN10029.

COPYRIGHT AND CONFIDENTIAL
 The information on this documents is the property of Bharat Heavy Electrical Limited
 It must not be used directly or indirectly in any way detrimental to the interest of the company.

स्वत्वाधिकार एवं गोपनीय
 इस दस्तावेज में दी गई सूचना भारत भारती इलेक्ट्रिकल्स की संपत्ति है इस्तेमाल के लिए
 अनुमति के बिना अन्य किसी भी प्रकार प्रयोग, जो कि कंपनी के हित में हानिकारक हो न किया जाए ।

हस्ताक्षर एवं दिनांक
 SIGN & DATE
 12/2/11

सामग्री सूची संख्या
 INVENTORY NO.
 P-2228

REV 02	निर्माकता Worked by	ASHISH		4.2.11
	जांचकर्ता Checked by	JPMEENA		4.2.11