



Omega Solder México S.A. de C.V.

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CODE: TDS-OS-16
 LAST REVISION: JANUARY 2004
 DATE PREPARED: JUNE 2002

TECHNICAL DATA SHEET

OMEGA SOLDER

COMMON NAME:

95Sn/5Sb Solid Wire Solder

GENERAL DESCRIPTION

Omega solder is manufactured using selective raw materials. Using the best laboratory testing equipment combined with a staff of engineers, metallurgist and chemists assures the quality and integrity of all products. Process controls are used on each step of manufacturing with traceability of each lot maintained to assure the product conforms to the required specification.

GENERAL USES

Soldering of electrical equipment, joints in copper tubing and cooling coils for refrigerators. High-tin solders are used for joining parts of electrical apparatus because they have higher electrical conductivity than high-lead solders. High-tin solders are also used where lead may be hazard - for instance, in contact with foodstuffs. Tin solders that contain 5% Sb are suitable for use at higher temperatures than the tin-lead solders.

BENEFITS

- High resistance to "ariete" effect
- Resistance to specific corroding agents. Resistant to SO₂
- High reliability assembly
- Uniform in quality and composition
- Lower residues dross generation
- Free from detrimental oxides
- Free from foreign substances
- Decrease solder defects
- Less reworks/touch-up due to brighter solder joints
- Maximum yield in production joins
- Lead-free, used in food equipment



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CERTIFICADO DE CALIDAD

San Luis Potosí, S.L.P., a 2 de enero de 2008.

A quien corresponda:

Mediante la presente hacemos constar que el producto ZP106004 SÓLIDA 50, alambre con diámetro de 3.00mm en presentación de 450.0g cumple con las especificaciones y estándares de calidad establecidos por Omega Solder México, S.A. de C.V.

La composición química del producto anteriormente mencionado es un estándar interno y no es del dominio público, sin embargo se ha garantizado su cumplimiento.

Sin más por el momento y para cualquier duda quedo a sus órdenes.





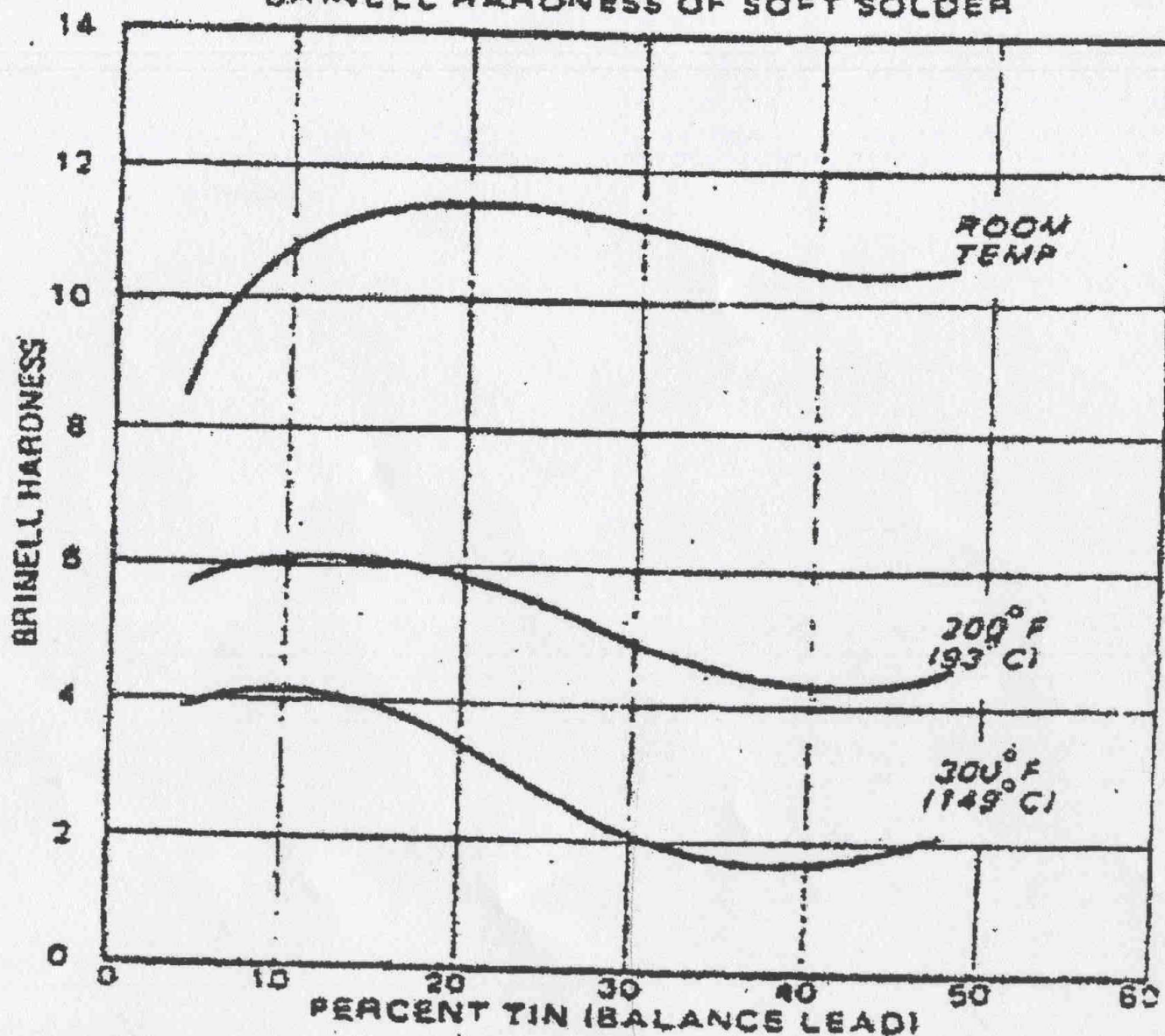
Omega
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MEXICO D.F. A 11 DE OCTUBRE DE 2007.

PROPIEDADES DE LAS SOLDADURAS DE ESTAÑO - PLOMO

BRINELL HARDNESS OF SOFT SOLDER

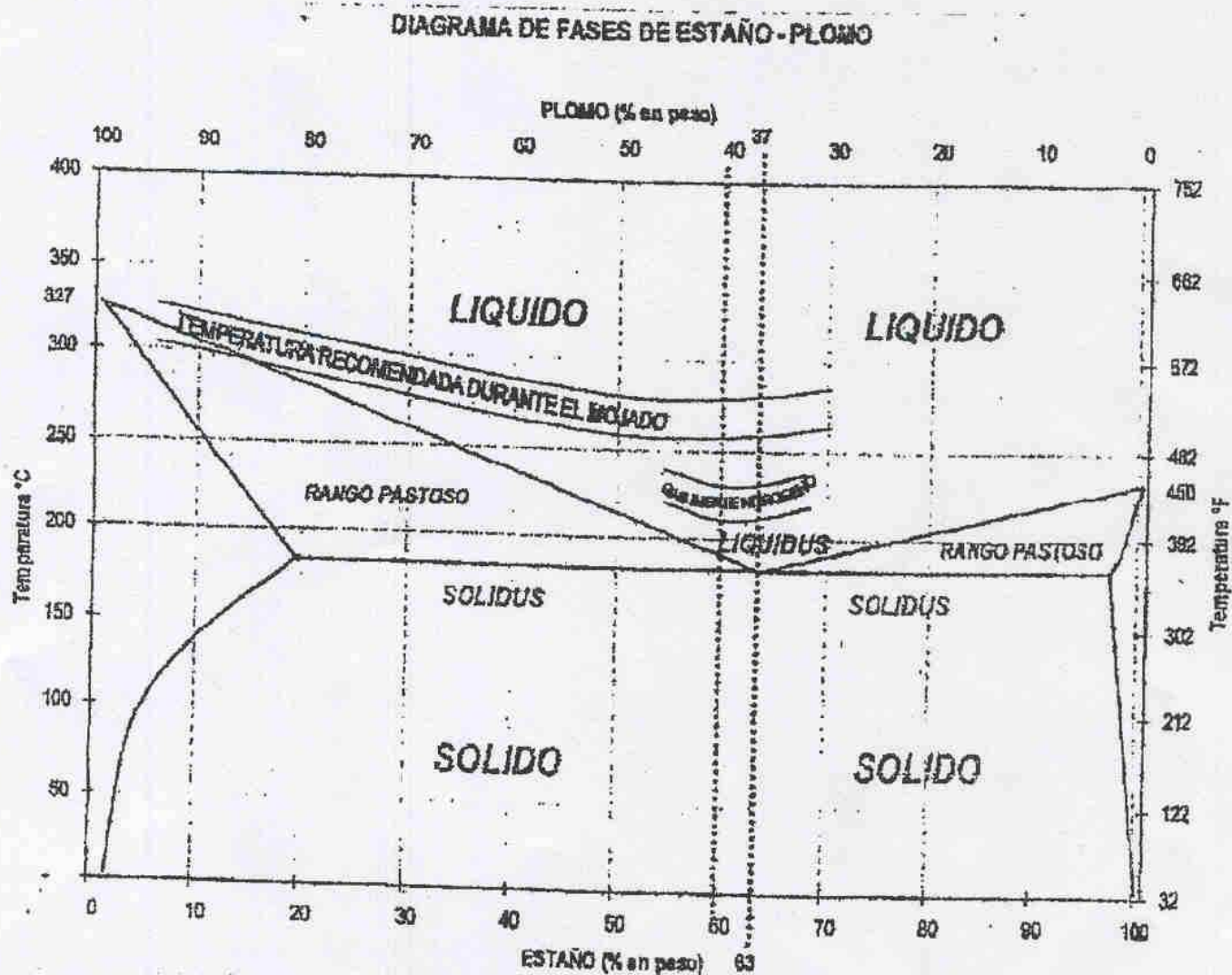




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PROPIEDADES DE LAS SOLDADURAS DE ESTAÑO - PLOMO



ATENTAMENTE
GUILLERMO VILLALOBOS BAUTISTA

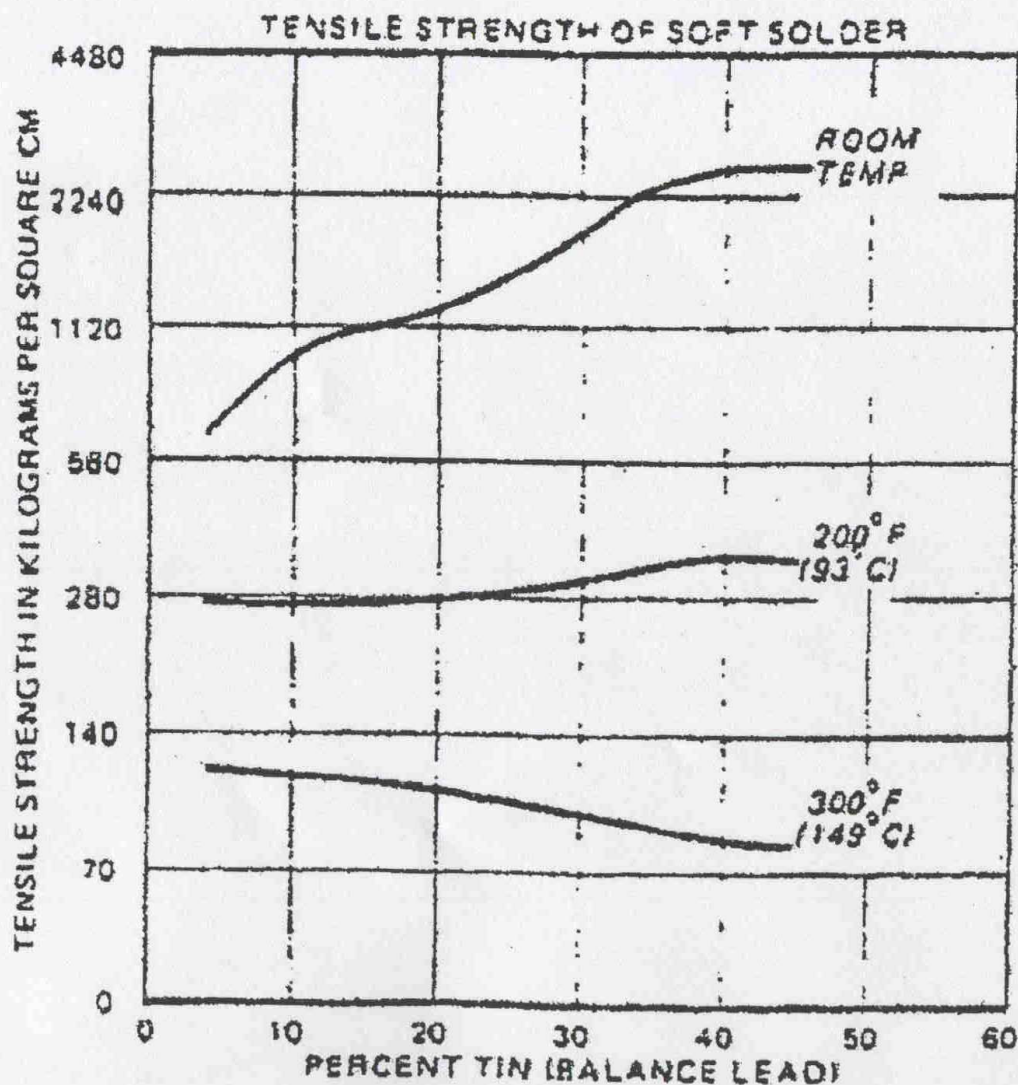
Av. Azcapotzalco la Villa no. 276-B Col. Santa Catarina, Del. Azcapotzalco, 02250 México D.F.
Tel. 53 94 97 32 Fax. 53 97 30 31.



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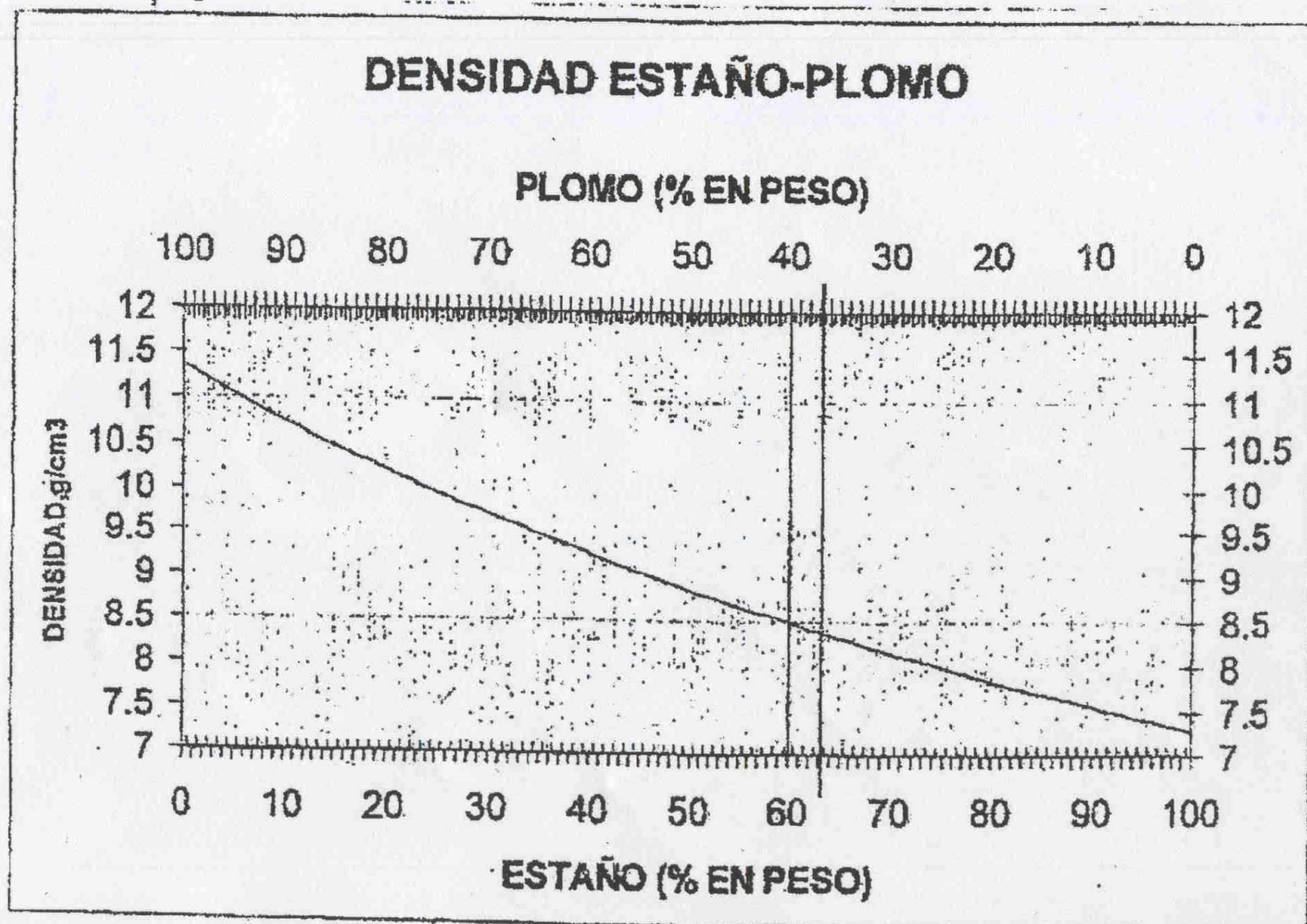
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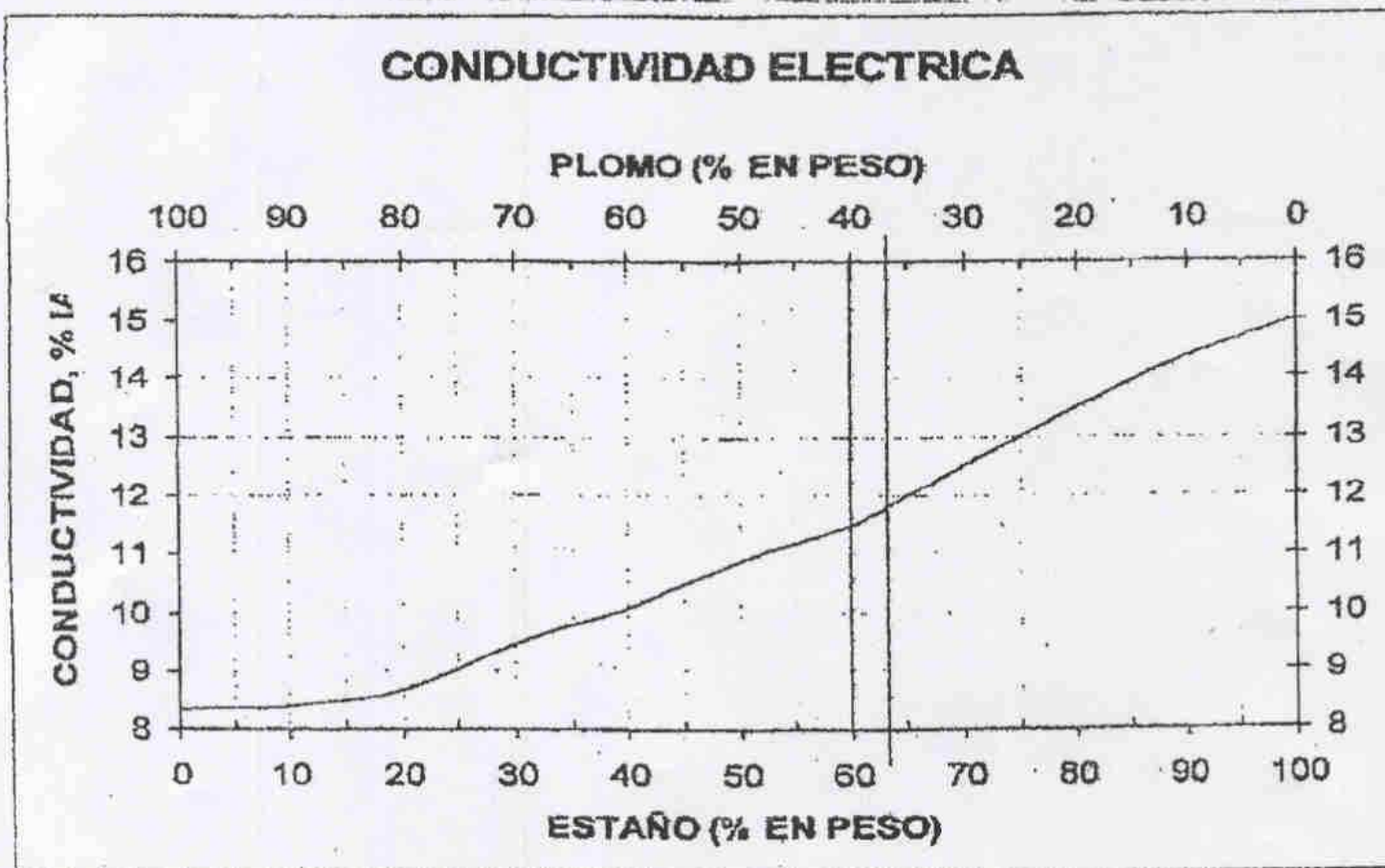
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