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Phone: +91-7082934803

Product Name :

Charcoal Block

Product Code :

SLE/CH/95



Science Lab

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Description :

Charcoal Block (Product Code: SLE/CH/95) is a block of natural charcoal used as the working surface when soldering with a flame. While the joint is heated, the charcoal absorbs oxygen from around the work, which helps prevent firestain on silver, and the soft block can be carved with small dips in which scraps of silver melt into neat round balls. It also protects the bench beneath from the heat of the torch. Metalwork and jewellery-making students, craft workshops and chemistry teaching labs all use it. The block is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, as part of its range as a lab consumables supplier in India.

Key Details

Parameter	Detail
Type	Natural charcoal block
Purpose	Surface to solder on
Key property	Absorbs oxygen during soldering to help prevent firestain
Workability	Soft enough to carve dips for forming small round balls of silver
Surface protection	Shields the work surface from the heat of a flame torch
Supplied as	Individual block; ask us for current dimensions and pack quantities

Typical Use

Lay the pieces to be joined on the flat face, apply flux and solder, and play the torch flame over the work; the glowing charcoal reflects heat back into the joint and keeps oxygen away from the hot metal. To make granules or small spheres, scrape a shallow hollow into the block with a scriber, drop in a clipping of silver and heat until it draws up into a ball. Because the block is soft, it wears with every session, and some users tie iron wire binding around it to stop it breaking apart over long use.

In school chemistry, a charcoal block is also the traditional support for the charcoal cavity test in qualitative analysis, where a little of a salt is heated in a hollow using a blowpipe flame. Whichever way it is used, let the block cool fully and check that no part is still glowing before putting it away, and store it somewhere dry. Labs ordering from a chemistry consumables supplier in India often keep a few spare blocks for exactly this reason.

Supplier

This charcoal block is supplied by **Jain Scientific Equipments Private Limited**, the company behind the **ScienceLab** brand, based in Ambala, Haryana, India. Alongside the laboratory apparatus it manufactures, the company supplies consumables so institutions can source a complete bench set from one vendor. Visit our company profile to learn more.

Related Chemistry Lab Equipment

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