

Product Name :
Metallurgical Samples

Product Code :
CIVIL-MET-170-0001

Description :

Metallurgical Samples

Technical Specification :

Bakelite Mounted Ready Specimen for microscopic Observation.

A set consists of 23 Standard samples which covers the entire range.

Complete information including chemical composition, mechanical treatment, details of heat treatment, type of Etchant with description of Microstructure along with their colored photographs are provided in a booklet.

FEATURES:

These sets are supplied in a wooden storing box with silica gel.

Type of Etchant with description of Microstructure along with their colored photographs are provided in a booklet.

LIST OF METALLIC MICROSTRUCTURE

Dead Mild Steel

Mottled cast Iron

Low Carbon steel

Ductile cast Iron

Medium Carbon steel (Annealing)

Cartridge Brass

Medium Carbon steel (Normalizing)

Hardened steel

Anodized Aluminum

Tempered steel

Fusion Welded Mild Steel

Carburized steel

Friction Welded Steel

Muntz Metal

Decarburized High Carbon steel

Tin Bronze

Inclusion in steel

Electroplated Component

Tool steel

Powder Metallurgy Component

Gray cast Iron

Deformed Mild Steel

White cast Iron

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