



**Ajay Syscon Private Limited**

( A Joint Venture with Syscon International Inc. U.S.A.)

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These are sampling cups with accurate thermocouple assembly and Tellurium blob to get more reliable Thermal Analysis results - CE, C, Si. These are especially made for High Carbon equivalent of Cast Iron giving consistent & accurate C & Si readings.



# METACUP-HC

MANUFACTURER : AJAY SYSCON PRIVATE LIMITED, PUNE, INDIA.

**METACUP**

## TECHNICAL SPECIFICATIONS

Special Thermocouple Tolerance :  $\pm 1^{\circ}\text{C}$  at  $1200^{\circ}\text{C}$   
High Grade Silica Sand : (AFS 75-80) - 100 Parts  
Resin content : 3.5%  
Moisture content : 0.5% Min.  
Core Hardness : 80-100 CHN  
Shelf Life : 6 Months Min.

## PRODUCT INGREDIENTS

Resin coated sand, Straight Quartz tube, T1 & T2 Thermocouple wires and sealing cement.

## PHYSICAL AND CHEMICAL CHARACTERISTICS

APPEARANCE : Brownish Yellow in Colour.  
BOILING POINT : N/A  
PHYSICAL STATE : Insoluble  
MELTING POINT : N/A

## SAFETY PRECAUTIONS IN HANDLING AND STORAGE

FRAGILE MATERIAL [ HANDLE WITH CARE ], **METACUP** SHOULD BE KEPT IN DRY PLACE WITH A PLASTIC COVER TO PREVENT FROM BREAKAGE  
**METACUP** SHOULD BE KEPT IN A RACK .

EXPIRY DATE : NOT APPLICABLE



Manufactured under strict ISO 9001:2000 Quality Standards



**Metallurgical Division**