

**Product Name :**  
Vicat Softening Point Apparatus

**Product Code :**  
PLASTIC SUK-AS03LAB003



**Description :**

Vicat Softening Point Apparatus

**Technical Specification :**

Vicat Softening Temperature Of Plastics Is The Temperature At Which A Standard Flat-ended Indenter Penetrates One Millimetre Into The Surface Of The Material Under Test Under A Specified Load. The Test Is Conducted By Placing A Test Specimen Taken From The Sample Under Test On A Flat Platform Inside A Liquid Bath And Applying Compression Load Over Its Upper Face Through A Flat-ended Indenter. The Load Is Applied By Placing Dead Weights On The Upper End Of The Indenter. After The Test Specimen Attains The Temperature Of The Bath, The Bath Temperature Is Increased Gradually Till The Indenter Penetrates By Exactly 1 Mm Into The Test Specimen. The Bath Temperature In Degrees Centigrade At Which This Happens Is Reported As The Vicat Softening Temperature Of The Sample Under Test.

The Vicat Softening Temperature Apparatus For Plastics Consists Of A Hinged Metallic Frame Which Serves As Support For The Test Specimen. The Frame Is Fitted With A Bush For Guiding A Rod With A Hardened Indenting Tip At Its Lower End And A Loading Platform Near Its Top To Place The Weights On. A Dial Gauge Is Fitted At The Upper End Of The Frame To Measure The Movement Of The Rod.

Technical specification

Area of Indenting Tip
Display Type
Globe Enterprises
Material
Range of Indicator

Part 30 Testing Temperature
Dimensions of Test Specimen



## Astra Scientific

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