



DRAFT INDIAN STANDARD IN WIDE CIRCULATION

Reference : PCD/27/25752

Date : 28 May 2024

TECHNICAL COMMITTEE : Methods of Sampling and Test for Plastics, PCD 27

To,

All concerned

Dear Madam/Sir,

The following document has been prepared by the Methods of Sampling and Test for Plastics Sectional Committee, PCD 27. Please [click here](#) to view the document.

Document Number : PCD 27 (25752) WC

**Title of the document : PLASTICS METHODS OF TESTING PART 5 MECHANICAL PROPERTIES
SEC XX DETERMINATION OF DYNAMIC MECHANICAL PROPERTIES SUBSEC 8
LONGITUDINAL AND SHEAR VIBRATION WAVE-PROPAGATION METHOD**

Document Type : New Indian Standard

This document has following salient features which may require specific attention for your valuable comments:

1) *This document describes an ultrasonic wave propagation method for determining the storage components of the longitudinal complex modulus L^* and the shear complex modulus G^* of polymers at discrete frequencies typically in the range 0,5 MHz to 5 MHz. The method is suitable for measuring materials with storage moduli in the range 0,01 GPa to 200 GPa and with loss factors below 0,1 at around 1 MHz. With materials that have a higher loss, significant errors in velocity measurement are introduced through waveform distortion and can only be reduced using procedures that are outside the scope of this document.*

Please examine the document and share your comments regarding further improvement in the document.

Last date for sharing the comments is : 27 July 2024

The comments should be shared in the prescribed template through this portal only; and the comments so received shall be taken up by the Sectional Committee for necessary action. For any other query, please write an email at pcd@bis.gov.in to the undersigned at Bureau of Indian Standard, Manak Bhawan, 9, Bahadur Shah Zafar Marg, New Delhi.

In case no comments are received, we would presume your approval of the documents. However, in case we receive any comments on the document, the same shall be put up to the Sectional Committee for necessary action.

Thanking You,

Yours faithfully,
(MEENAL PASSI)
Head (Petroleum, Coal and Related Products Department)
Email: pcd@bis.gov.in



व्यापक परिचालन में मसौदा(दे)

हमारा सन्दर्भ : PCD/27/25752

दिनांक : 28-05-2024

तकनीकी समिति : Methods of Sampling and Test for Plastics Sectional Committee, PCD 27

प्राप्तकर्ता : रूचि रखने वाले सभी निकाय

महोदय/या,

निम्नलिखित मसौदा तैयार किया गया है :

प्रलेख संख्या : PCD 27 (25752) WC

शीर्षक :

कृपया इस/इन मानक(को)/संशोधन(नो) के मसौदे(दो) का अवलोकन करें और अपनी सम्मतियाँ यह बताते हुए भेजें कि यदि ये मानक(को) के संशोधन(नो) के रूप में प्रकाशित हो तो इन पर अमल करने में आपके व्यवसाय अथवा कारोबार में क्या कठिनाइयां आ सकती हैं।

सम्मतियाँ भेजने की अंतिम तिथि : 27 July 2024

सम्मतियाँ, यदि कोई हों तो, कृपया यहाँ क्लिक करके ऑनलाइन पोर्टल के माध्यम से ऊपर दी गयी अंतिम तिथि तक दर्ज कराएं।

यह/ये प्रलेख भारतीय मानक ब्यूरो की वेबसाइट www.bis.gov.in पर भी उपलब्ध है/हैं।

धन्यवाद।

भवदीय/भवदिया,
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(Petroleum, Coal and Related Products Department)
ई-मेल : pcd@bis.gov.in