



İSTANBUL ÜNİVERSİTESİ
Mühendislik Fakültesi
Kimya Mühendisliği Bölümü



Sayı: B.30.2.İST.0.17.81.00/693 / 2056

30.12.2014

ANALYSIS TEST REPORT

Company Requesting Report : TARDIGRADE YAPI KİMYASALLARI SAN.TİC.A.Ş.

Address : Akçaburgaz M., 153. Sk., Seçkin Plaza, No: 13/Z, 34522
Esenyurt / İSTANBUL
Tel: +90 (212) 798 24 66 Faks: +90 (212) 798 24 67

Required Test : Determination of volatile organic content (VOC).

Test Procedure : This test was performed according to "ASTM D3960 – 5 (Reapproved 2013): Standard Practice for Determining Volatile Organic Compound (VOC) Content of Paints and Related Coatings". First, A and B parts of the samples were mixed and pre-weighed (W_i) before placing in an oven conditioned at 110 ± 5 °C for 1 hour (please see item 6 of the related ASTM standart). After 1 hour, samples were cooled down to room temperature and weighed again (W_f). VOC values in the unit of g/lt were calculated according to:

$$VOC (g/lt) = \frac{(W_i - W_f)}{W_i} \times 100 \times density \times 1000$$

Test Date : 19.12.2014 - 25.12.2014.

Test Apparatus : Laboratory balance with 0.0001 gr (0.1 mg) precision (VA304 Model GEC, Avery, UK) and oven (Heraeus, Model; R1560).

Test Result :

TRADE MARK – CODE	PRODUCT DESCRIPTION	VOC VALUE gr/lt
Tardigrade ECTC 240	EPOXY TOPCOAT MATERIAL	20± %10



Prof. Dr. İsmail AYDIN
BSc, DIC, PhD

Prof. Dr. İsmail AYDIN
Istanbul University – Engineering Faculty
Chemical Engineering Department