

ICS 83.080.10

CCS G32



**NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

GB/T 13657-2011

Replacing GB/T 13657-1992

Bisphenol-A epoxy resin

双酚A型环氧树脂

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Quarantine of the People's Republic of China;
Standardization Administration of China**

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Foreword

This standard was drafted in accordance with GB/T 1.1-2009 given rules. This standard replaces GB/T 13657-1992 "bisphenol A type epoxy resin." See Appendix of this standard and GB/T 13657-1992 main changes compared to A. The standard proposed by China Petroleum and Chemical Industry Association. This standard by the National Standardization Technical Committee plastic thermosetting plastics Club (SAC/TC15/SC11) centralized. This standard is drafted by: Bluestar New Chemical Materials Co., Ltd. Wuxi Resin Factory. Participated in the drafting of this standard. Sinopec Baling Petrochemical Co., Ltd., Dalian Qi Chemical Co., Ltd., Anhui Hengyuan Chemical Co. The company, South Asia epoxy resin (Kunshan) Co., Ltd., a synthetic resin National Quality Supervision and Inspection Center, Chenguang Chemical Research Institute Co., Nantong Star Limited synthetic material. The main drafters of this standard. do hair Yan, Feng Xuefeng, Zhou Jianhong, Guo Zhi, Cheng Zhen Shuo, Li Zheng, and Zhao Ping. Bisphenol A type epoxy resin

1 Scope

GB/T 13657-2011 is the Chinese national standard on bisphenol-a epoxy resin, in the field of rubber and plastic industries. The /T suffix marks it as a recommended standard: it is not compulsory by itself, but it becomes binding as soon as a contract, a tender or a customer specification calls it up - which in practice is how most foreign buyers meet it. It was issued on 30 December 2011 by the General Administration of Quality Supervision, Inspection and Quarantine of the People's Republic of China; Standardization Administration of China, and has been in force since 1 June 2012. Classification: ICS 83.080.10, CCS G32. This page is published from the official record of the standard held by the Chinese standards administration: the identification, the dates, the classification and the issuing body are taken from there. The clause text, the tables and the numeric limits are in the document itself, which is delivered complete in English translation.

This standard specifies the bisphenol A type epoxy representative model and its main purpose, requirements, test methods, inspection rules and signs, including Equipment, transportation, storage and so on. This standard applies to a bisphenol A type epoxy resin.

This standard does not contain bisphenol A type epoxy curing agents containing solvents.

2 Normative references

The following documents for the application of this document is essential. For dated references, only the dated version suitable for use herein Member. For undated references, the latest edition (including any amendments) applies to this document.

GB/T 1630.1-2008 Plastics - Epoxy - Part 1. Designation Determination matter content

GB/T 1725-2007 Paints, varnishes and plastics non-volatile

GB/T 3143-1982 Determination of color liquid chemicals (Hazen unit
--- platinum - cobalt color number)

GB/T 4612-2008 Plastics - Determination of epoxy equivalent of the epoxy compound
Determination of

GB/T 4618.1-2008 Plastics - Epoxy chlorine content - Part 1. Inorganic chlorine
Determination of

GB/T 4618.2-2008 Plastics - Epoxy chlorine content - Part 2. Easily saponifiable chlorine

GB/T 6678-2003 General Principles for Sampling Chemical Products

GB/T 6679-2003 General rules for sampling solid chemical products

GB/T 6680-2003 General rules for sampling liquid chemical products

GB/T 9281.1-2008 clear liquid Gardner color grading color - Part 1. Visual method

GB/T 12007.6-1989 epoxy ring and ball softening point measuring method

GB/T 22314-2008 plastic epoxy resin viscosity measurement method

3 Represents the model and its main purpose

Bisphenol A type epoxy resin should be GB/T 1630.1-2008 name, which represents the model and its main purpose is shown in Table 1.