

ICS 71.100.40

CCS G77



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

GB/T 10535-2014

Replacing GB/T 10535-1997

Water treatment chemicals-Hydrolyzed polymaleic anhydride

水处理剂 水解聚马来酸酐

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

Table of Contents

- 1 Scope
- 2 Normative references
- 3 Formula
- 5 Requirements

Foreword

This standard was drafted in accordance with GB/T 1.1-2009 given rules. This standard replaces GB/T 10535-1997 "water treatment agent hydrolyzed polymaleic anhydride", compared with the GB/T 10535-1997, the main Technical changes are as follows:

- Modified HPMA requirements (see Table 1 in 5.2, 3.2, 1997 edition Table 1);
- Remove the measurement of the average molecular weight, measured kinematic viscosity change (see 6.3, version 5.2, 1997). The standard proposed by China Petroleum and Chemical Industry Association. This standard by the National Standardization Technical Committee chemical water treatment chemicals Technical Committee (SAC/TC63/SC5) centralized. This standard is drafted by: Henan clear Water Technology Co., Ltd., Hefei Qingqing Water Treatment Ltd., Guangzhou City special pressure Equipment Inspection Institute, Shandong Taihe Water Treatment Co., Ltd., Xiamen City, measuring Detection Technology Co., Ltd., China Petroleum & Chemical Co. Shares Company north of Beijing Yanshan Branch hospital, CNOOC Tianjin Chemical Research & Design Institute, Tianjin Pacific Technology Co., Ltd., Tianjin water Okcheon Engineering Technology Co., Ltd. The main drafters of this standard. Zhiqing Liu Xian Lin, Yang Lin, Cheng made the final, Guo Bing, Li and students, Zhuzhuan Jun, Zhao Junming, Sunzhen Hong. This standard replaces the standards previously issued as follows:
- GB/T 10535-1989, GB/T 10535-1997. Hydrolyzing water treatment agent polymaleic anhydride WARNING. Strong acids are used in this standard, alkali corrosive, should be used to avoid inhalation or contact with the skin. Splashed on him immediately with Plenty of water, seek immediate medical attention should be serious.

1 Scope

GB/T 10535-2014 is the Chinese national standard on water treatment chemicals-hydrolyzed polymaleic anhydride, in the field of chemical technology. 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 8 July 2014 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 December 2014. Classification: ICS 71.100.40, CCS G77. 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 HPMA requirements, test methods, inspection rules and signs, packaging, transportation and storage. This standard applies to water treatment agent with HPMA. The products are mainly used for industrial water treatment scale inhibitor and dispersant.

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 191 Packaging - Pictorial signs Preparation of

GB/T 601 chemical reagent standard titration solution

GB/T 603 chemical reagent in test methods - Preparations with

GB/T 6678 General Principles for Sampling Chemical Products Laboratory use specifications and test methods GB/T 6682-2008 Analysis

GB/T 8170 repair value expressed about the rules and limit values \u200b\u200band judgment

3 Formula

Category 4 HPMA by synthesis process is divided into two categories.

--- A Class. solvent;

--- Class B. aqueous phase.

5 Requirements

5.1 Appearance. light yellow to dark brown transparent liquid.

5.2 HPMA measured by the corresponding test methods and shall meet the requirements of Table 1.