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

GB/T 32695-2016

Coated carbon black super dispersible in water

包覆性超水分散性炭黑

(English Translation)

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Foreword

This standard was drafted in accordance with the rules given in GB/T 1.1-2009.

This standard is proposed by China Petroleum and Chemical Industry Federation.

This standard is under the jurisdiction of the National Standardization Technical Committee for Rubber and Rubber Products (SAC/TC35).

1 Scope

This standard specifies the terms and definitions, nomenclature, technical requirements, test methods, inspection rules, sampling, and inspection of coated super-water-dispersible carbon black.

Collection, packaging, identification, storage and transportation.

This standard applies to coated super-dispersed carbon black.

2 Normative references

The following documents are indispensable for the application of this document. For dated references, only dated versions apply to this article Pieces. For undated references, the latest version (including all amendments) applies to this document.

GB/T 3780.2 Carbon black - Part 2. Determination of oil absorption GB/T 3780.6 Carbon black - Part 6. Determination of tinting strength GB/T 3780.7 Carbon black Part 7. Determination of pH GB/T 3780.8 Carbon black - Part 8. Determination of heating loss GB/T 3780.10 Carbon black - Part 10. Determination of ash GB/T 3780.12 Carbon black Part 12. Inspection of impurities GB/T 3780.21 Carbon black - Part 21. Determination of rubber compounding agent screen residue - Water rinsing method GB/T 7044-2013 Pigment carbon black Determination of Volatile Content of GB/T 7047 Pigment Carbon Black GB/T 7048 Determination of Pigment Carbon Blackness Determination of Fluidity of GB/T 7052 Pigment Carbon Black GB/T 8170 Representation and Determination of Numerical Rounding Rules and Limit Values GB/T 10722 Determination of total surface

area and external surface area of carbon black by nitrogen adsorption GB/T 34323 Carbon Black Water Dispersion Transmittance Determination Spectrophotometer Method

3 Terms and definitions

The following terms and definitions apply to this document.

Coated

The modified additives are uniformly wrapped, adsorbed, and grafted onto the surface of the carbon black aggregate.

Transmittance lighttransmittance the percentage of transmitted light flux and incident light flux through the carbon black dispersion measured using a visible spectrophotometer.

Light transmittance T lighttransmittancequietafterwards24h the light transmittance measured after the dispersion of carbon black and water mass ratio of 1.2000 was allowed to stand for 24h.