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Biodegradable poly(glycolic acid) (PGA)

全生物降解聚乙醇酸 (PGA)

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Foreword

This document is in accordance with the provisions of GB/T 1:1-2020 "Guidelines for standardization work Part 1: Structure and drafting rules for standardization documents"

Drafting:

Please note that some of the contents of this document may involve patents: The issuing organization of this document does not assume the responsibility for identifying patents:

This document was proposed and coordinated by the National Technical Committee for Standardization of Bio-based Materials and Degradable Products (SAC/TC380):

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Fully biodegradable polyglycolic acid (PGA)

1 Scope

This document defines the terms and definitions of polyglycolic acid (PGA) resins, and specifies the technical requirements, inspection rules, marking, packaging, transportation and Storage, etc., and describes the corresponding test methods:

This document applies to polyglycolic acid resins obtained by polymerization using glycolic acid, glycolic acid esters or glycolide as raw materials:

2 Normative references

GB/T 1033

GB/T 1040

GB/T 1043

GB/T 1634

GB/T 2547

GB/T 2918

GB/T 3682

GB/T 9345

GB/T 17037

GB/T 19466

GB/T 19466

GB/T 37191

GB/T 41010

3 Terms and definitions

The following terms and definitions apply to this document: 3:1 Poly(glycolic acid); PGA A polymer obtained by chemical synthesis using glycolic acid, glycolate or glycolide as

monomers and having the chemical structure shown in Figure 1:

Figure 1 Chemical structure of polyglycolic acid

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