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Polyolefin cold stretch sleeve film

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Foreword

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1 Scope

China's national standard for polyolefin cold stretch sleeve film. The film is used to unitise pallet loads by a method that competes with stretch wrapping and shrink hooding: a tube of elastic film is stretched open mechanically, lowered over the loaded pallet, and released, so that its own elasticity clamps the load. Nothing is heated, which is the advantage - shrink hooding requires an oven and the energy that goes with it, and stretch wrapping applies its

force in one plane only, leaving the load free to move vertically. A cold stretch sleeve holds the load down onto the pallet as well as inward. What the film has to deliver is a combination that is not easy in a polyolefin: enough elastic recovery to keep clamping for weeks, enough strength not to split at the corners while being stretched several hundred per cent, and enough puncture resistance to survive a forklift.

This document specifies the requirements, inspection rules, marking, packaging, transportation and storage of polyolefin cold-stretched casing film (hereinafter referred to as "casing film"): Describes the corresponding test methods: This document is applicable to the production and inspection of casing films made of polyolefin synthetic resin as the main raw material and made by blow molding and folding; and sales:

2 Normative reference documents

The contents of the following documents constitute essential provisions of this document through normative references in the text: Among them, the dated quotations For undated referenced documents, only the version corresponding to that date applies to this document; for undated referenced documents, the latest version (including all amendments) applies to this document: GB/T 1040:

1 Determination of tensile properties of plastics Part 1: General principles GB/T 1040:

3 Determination of tensile properties of plastics Part 3: Test conditions for films and sheets GB/T 2828:

1 Enumeration sampling inspection procedures Part 1: Batch-by-batch inspection sampling plan retrieved by acceptance quality limit (AQL)

GB/T 2918 Standard environment for conditioning and testing of plastic specimens

GB/T 6672 Mechanical measurement method for thickness determination of plastic films and sheets

GB/T 6673 Determination of length and width of plastic films and sheets

GB/T 10006 Determination of friction coefficient of plastic films and sheets

GB/T 37841 Test method for puncture resistance of plastic films and sheets QB/T 1130

Plastic right angle tear performance test method QB/T 2358 Test method for heat sealing strength of plastic film packaging bags

3 Terms and definitions

There are no terms or definitions to be defined in this document:

4 Requirements

1 Appearance The appearance should comply with the requirements of Table 1:

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