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**Polymer dispersions and
redispersible polymer powders for
cement modifiers**

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Contents

	Page
Introduction	1
1 Scope	1
2 Normative references	1
3 Terms and definitions	1
4 Classification	2
5 Quality	2
6 General test conditions	3
6.1 Testing laboratory conditions	3
6.2 Sampling	3
6.3 Temperature of samples and test materials	3
7 Tests for dispersion	3
7.1 Appearance	3
7.2 Density	4
7.3 pH	4
7.4 Viscosity	4
7.5 Non-volatile content	4
7.6 Storage stability (informative)	4
8 Tests for polymer powders	4
8.1 Appearance	4
8.2 Volatile content	4
8.3 Ignition residue	5
8.4 Apparent density	5
8.5 Storage stability (informative)	5
9 Tests for polymer-modified mortar	5
9.1 Test materials	5
9.2 Preparation of polymer-modified mortar	5
9.3 Shapes, dimensions and number of specimens	6
9.4 Preparation of specimens	6
9.5 Flexural and compressive strengths	7
9.6 Adhesion	7
9.7 Water absorption	7
9.8 Amount of water permeation	7
9.9 Rate of change in length	7
10 Inspection	7

11	Marking	7
11.1	Marking on containers	7
11.2	Instruction manuals	8
12	Report	8
Annex A (informative)	Storage stabilities of polymer dispersions and redispersible polymer powders for cement modifiers	11
Annex B (informative)	Comparison table between previous and current editions of this Standard on technically significant revisions	12

Foreword

This translation has been made based on the original Japanese Industrial Standard revised by the Minister of Economy, Trade and Industry through deliberations at the Japanese Industrial Standards Committee as the result of proposal for revision of Japanese Industrial Standard submitted by Japan Testing Center for Construction Materials (JTCCM)/Japanese Standards Association (JSA) with the draft being attached, based on the provision of Article 12 Clause 1 of the Industrial Standardization Law applicable to the case of revision by the provision of Article 14. Consequently **JIS A 6203:2008** is replaced with this Standard.

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Polymer dispersions and redispersible polymer powders for cement modifiers

Introduction

This Japanese Industrial Standard was established in 1980 and has gone through four revisions up to the present. The last revision was made in 2008, and the revision at this time is to respond to customers' and consumers' needs by adding the storage stability test and other specifications. The comparison table between previous and current editions of this Standard on technically significant revisions is given in Annex B.

No corresponding International Standard has been established at this point.

1 Scope

This Standard specifies the polymer dispersions and redispersible polymer powders used for cement modifiers (hereafter referred to as "dispersions" and "polymer powders", respectively), to be used for polymer-modified mortar or concrete, etc.

2 Normative references

The following standards contain provisions which, through reference in this text, constitute provisions of this Standard. The most recent editions of the standards (including amendments) indicated below shall be applied.

JIS A 1171 *Test methods for polymer-modified mortar*

JIS K 0067 *Test methods for loss and residue of chemical products*

JIS K 5101-12-1 *Test methods for pigments—Part 12: Apparent density or apparent specific volume—Section 1: Loose packing method*

JIS K 6387-1 *Rubber latex—Part 1: Sampling*

JIS K 6387-2 *Latex, rubber—Determination of total solids content*

JIS K 6726 *Testing methods for polyvinyl alcohol*

JIS K 6828-1 *Plastics—Polymer dispersions—Determination of non-volatile matter (residue) at specified temperatures*

JIS K 6833-1 *Adhesives—General testing methods—Part 1: General properties*

JIS R 5201 *Physical testing methods for cement*

JIS R 5210 *Portland cement*

JIS Z 8802 *Methods for determination of pH of aqueous solutions*

JIS Z 8803 *Methods for viscosity measurement of liquid*

JIS Z 8804 *Methods of measuring density and specific gravity of liquid*

3 Terms and definitions

For the purpose of this Standard, the following terms and definitions apply.