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JAPANESE INDUSTRIAL STANDARD

**Polymer Dispersions
for Cement Modifier**

JIS A 6203 —1980

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Polymer Dispersions for Cement Modifier

A 6203-1980

1. Scope

This Japanese Industrial Standard specifies the polymer dispersions for cement modifier, hereinafter referred to as the "dispersion", to be used for the polymer cement mortar and the polymer cement concrete with the polymer-cement ratio of not less than 5 %.

Remark: The units and numerical values given in { } in this standard are in accordance with the International System of Units (SI), and are appended for reference.

2. Definition

For the purpose of this standard, the definitions given in 2. of JIS A 1171 apply.

3. Classification

The dispersions shall be classified into the following two types according to its main chemical composition.

- (1) Rubber Latex for Cement Modifier The rubber latex for cement modifier is one that has been thoroughly dispersed and uniformed by adding stabilizers, antifoaming agents and others to such rubber latexes as synthetic rubber system, natural rubber system, and rubber asphalt system.
- (2) Resin Emulsion for Cement Modifier The resin emulsion for cement modifier is one that has been thoroughly dispersed and uniformed by adding stabilizers, antifoaming agents and others to such resin emulsions as acetic vinyl system, acrylic ester system and resin asphalt system.

4. Quality

The dispersion shall be tested as specified in 6. and 7., and shall conform to the requirements in Table 1.

Applicable Standards: See page 7..