

JIS

JAPANESE INDUSTRIAL STANDARD

**Liquid unsaturated
polyester resins for
fiber reinforced plastics**

JIS K 6919^{—1992}

Translated and Published

by

Japanese Standards Association

**In the event of any doubt arising,
the original Standard in Japanese is to be final authority.**

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Liquid unsaturated polyester resins for
fiber reinforced plastics

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1. Scope

This Japanese Industrial standard specifies liquid unsaturated polyester resins (hereafter referred to as the "resin liquid") capable of manufacturing casting plate and laminated sheet for fiber reinforced plastics. However, except the resin liquids added with allyl series⁽¹⁾ or additives⁽²⁾.

Notes ⁽¹⁾ The allyl series mean the resin liquid made of allyl compounds as the monomer such as diallylphthalate, triallylcyanurate, etc.

⁽²⁾ Additives mean the fillers and extenders such as calcium carbonate, aluminium hydroxide, etc.

Remarks: Applicable standards to this Standard are shown in the following:

JIS K 6900	Glossary of Terms Used in Plastic Industry
JIS K 6901	Testing Methods for Liquid Unsaturated Polyester Resin
JIS K 6911	Testing Methods for Thermosetting Plastics
JIS K 7051	General Rules for Testing Methods of Glass Fiber Reinforced Plastics
JIS K 7052	Measuring Method for Fiber Content of Glass Fiber Reinforced Plastics
JIS K 7054	Testing Methods for Tensile Properties of Glass Fiber Reinforced Plastics
JIS K 7055	Testing Method for Flexural Properties of Glass Fiber Reinforced Plastics
JIS K 7056	Testing Method for Compressive Properties of Glass Fiber Reinforced Plastics
JIS K 7060	Testing Method for Barcol Hardness of Glass Fiber Reinforced Plastics
JIS K 7100	Standard Atmospheres for Conditioning and Testing of Plastics
JIS K 7113	Testing Method for Tensile Properties of Plastics
JIS K 7207	Testing Method for Deflection Temperature of Rigid Plastics Under Load
JIS K 7209	Testing Methods for Water and Boiling Water Absorption of Plastics
JIS R 3416	Finished Glass Fabrics
JIS R 6252	Abrasive Papers

2. Definitions

For the purposes of this Standard main definitions are in accordance with JIS K 6900 and JIS K 7051, and in addition the following definitions apply: