Hanwha Solutions

PVC Straight Resin **P-1000**

1. Introduction

HANWHA P-1000 is a PVC homopolymer made by suspension polymerization. It is recommended for various products such as pipe, sheet, profile, wire, film manufacturing. P-1000 is a general purpose resin used for soft and rigid applications and is most widely used in PVC grades.

2. Applications

Pipe, Window profile, Wire sheath, Soft/Rigid sheet & film, Hose, Leather, Wrap

3. Properties

Properties	Unit	Typical value	Methods
Degree of polymerization	-	1000±50	JIS K 6720-2
K-Value	-	66	DIN 53726
Apparent bulk density	g/㎤	0.55±0.04	ASTM D1895
Volatility	%	Max 0.30	ASTM D3030
Sieve analysis (42 Mesh pass)	%	Min 100	ASTM D1921

※ The values given above are typical test results which should be used as a guide only. They do not form the whole or part of a specification or guarantee.

4. Storage, Packaging, Safety

Storage

P-1000 should be stored dry conditions and at room temperature below 25℃.

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The information given herein and other otherwise supplied to users is based on our general experience and where applicable, on the results of tests on samples of typical manufacture. However, because of the many factors which are outside knowledge and control, which can effect the use of these products, users must rely on their own judgment and we cannot accept liability for any injury, loss or damage resulting from reliance upon such information.

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Safety and Handling

The Hanwha Solutions Corporation provides its customers with a product specific Material Safety Data Sheet (MSDS) to cover potential health effects, safe handling, use and transportation. Hanwha Solutions Corporation strongly encourage its customers to review MSDS on its products and other materials prior to their use. P-1000 is normally supplied as a power in 25kg polypropylene inner coated paper bag, 600kg flecon bag as well as in bulk form.

P-1000 is not formulated to contain any hazardous or regulated materials such as lead, cadmium, mercury, and chromium compounds. And Hanwha Solutions Corporation guarantee that P-1000 does not include any hazardous or regulated materials during the manufacturing process

General Information

The data and recommendations contained in this brochure represent the current state of our knowledge and serve as a guide only to our products and their potential applications. Therefore, no warranty of specific properties of the products mentioned herein nor of their suitability or fitness for a particular purpose is implied.

Further information and recommendations for processing can be obtained from our technical support staff and representatives.

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