

1. Introduction

HANWHA HSP-25 is a PVC homopolymer made by suspension polymerization. HSP-25 is a specialty product for flexible PVC articles with excellent mechanical performance and clean surface, primarily at elevated service temperature. It is mainly used in matted sheeting, heat resistance wire, high pressure hose, and other high value added products.

2. Applications

Automotive exterior product, Heat resistance power cable jacket, Packing and Gasket of high elasticity and softness.

3. Properties

Properties	Unit	Typical value	Methods
Degree of polymerization	-	2500±200	JIS K 6720-2
K-Value	-	83	DIN 53726
Apparent bulk density	g/cm ³	0.45±0.07	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

HSP-25 should be stored dry conditions and at room temperature below 25°C.

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. HSP-25 is normally supplied as a powder in 25kg polypropylene inner coated paper bag, 500kg flecon bag as well as in bulk form. HSP-25 is not formulated to contain any hazardous or regulated materials such as lead, cadmium, mercury, and chromium compounds. And Hanwha Solutions Corporation guarantee that HSP-25 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.