

MARVYLAN® S 5002

Polyvinyl Chloride
Mitsubishi Chemical Performance Polymers, Inc.

Message:

MARVYLAN® S 5002 is a free flowing PVC powder produced by a special suspension polymerisation process, which ensures high purity and consistent quality.
MARVYLAN S 5002 is recommended for various rigid applications, transparent or opaque :
Injection moulded articles with long flow paths
Bottles, Injection or extrusion blow moulded
Calendered film and sheet
Blown film
Records
Polymer blends.
MARVYLAN S 5002 can be used either pure or in mixtures with other K-values. It can be processed as a normal suspension PVC at lower temperatures.
A small adjustment in lubrication may be necessary.

General Information			
Features	Foamable		
	Food Contact Acceptable		
	Good Processability		
	High Purity		
	Low Molecular Weight		
	Porous		
Uses	Blending		
	Bottles		
	Film		
	Sheet		
Appearance	Clear/Transparent		
	Opaque		
Forms	Powder		
Processing Method	Blown Film		
	Calendering		
	Extrusion Blow Molding		
	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Apparent Density	0.54	g/cm ³	ISO 60
K-Value	49.0		ISO 1628-2
Viscosity Number (Reduced Viscosity)	59.0	ml/g	ISO 1628
Particle Size			Internal Method

Fraction > 250μ	< 2.00	%	
Fraction > 63μ	> 95.0	%	
Volatile Matter	< 0.30	%	ISO 1269

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Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

