

General properties

KBM-4 is a low molecular weight PVC homopolymer produced by suspension process. It has fine particles and shows narrow particle size distribution. It's mainly used for producing battery separators. Battery separator made from this polymer exhibit the following properties.

- ▶ Good processibility
- ▶ Low electric resistance
- ▶ Good flexibility
- ▶ Long durability against chemicals

Polymer properties

<i>Property</i>	<i>Unit</i>	<i>Typical Value</i>	<i>Test Method</i>
Polymerization degree	-	1000 ± 50	JIS K 6720-2
K-value	-	66	DIN 53726
Apparent density	g/cc	0.40 ± 0.07	ASTM D 1895
Volatile content	%	Max. 0.30	ASTM D 3030
Particle size (sieve method)	%	100	60 mesh pass