

## *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 ± 100	JIS 6721
K-value	-	63.3 ~ 67.6	JIS 6721
Apparent density	g/cc	0.35 ~ 0.55	JIS 6721
Volatile content	%	Max. 0.35	JIS 6721
Particle size (sieve method)	%	100	60 mesh pass