



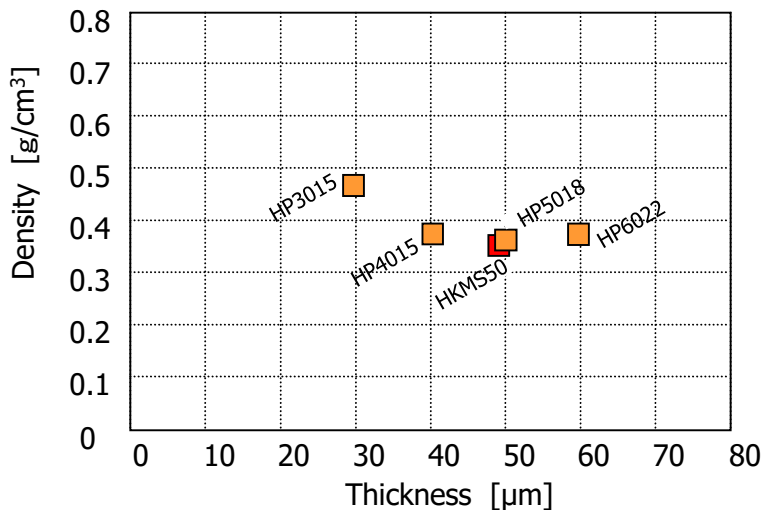
Separator for Polymer Capacitor HKMS/HP series

HKMS/HP series are high heat-resistant non-woven separators utilizing aramid fibers suitable for Conductive Polymer Aluminum Electrolytic Capacitors.

Features

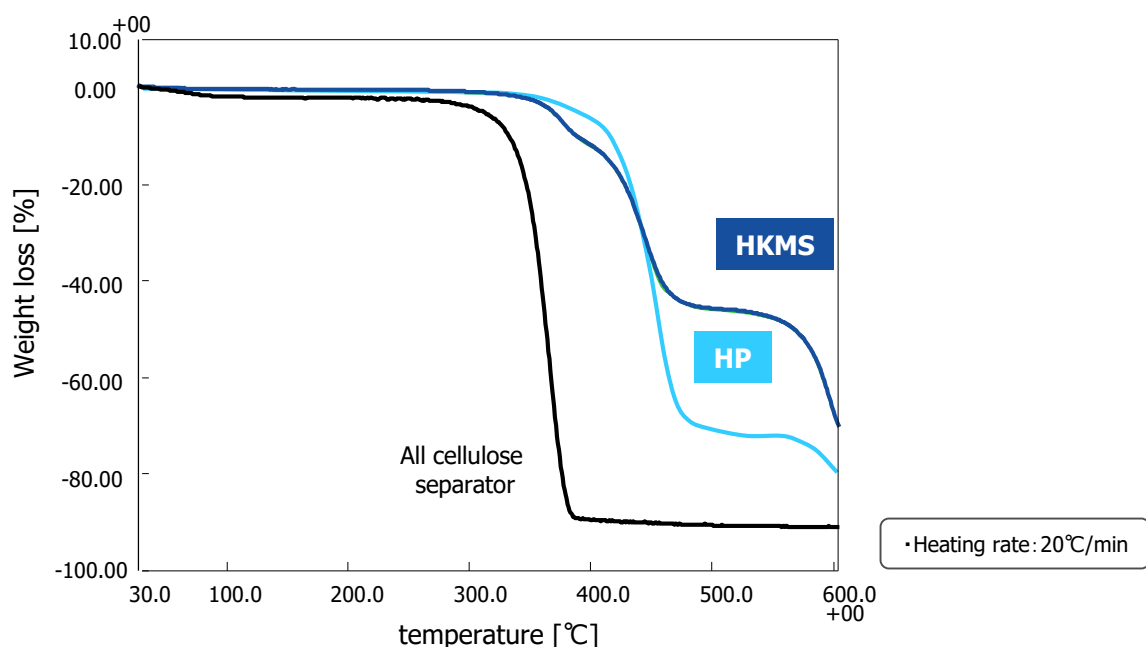
- ✓ **No need for carbonization process**
- ✓ **High reliability with high heat-resistance**
- ✓ **Good electrical performance**

Lineups



series	composition	Thickness : Product name	feature
HKMS		50μm : HKMS50	High heat-resistant separator
HP	Aramid / Polyester / Cellulose	60μm : HP6022 50μm : HP5018 40μm : HP4015 30μm : HP3015	Balancing heat-resistant property and cost performance

Thermal decomposition data



Properties

item	HKMS50	HP3015	HP4015	HP5018	HP6022
Thickness [μm]	50	30	40	50	60
Density [g/cm ³]	0.35	0.47	0.35	0.34	0.37
Tensile strength [N/m]	620	822	900	950	1571
Absorption rate (Water) [mm/10min]	35	12	12	22	39
Absorption rate (EtOH) [mm/10min]	21	19	28	34	33

※These are the representative values with no guarantee.