

Anhydrous proton conductor consisting of protamine–monododecyl phosphate composite with self-assembled structure

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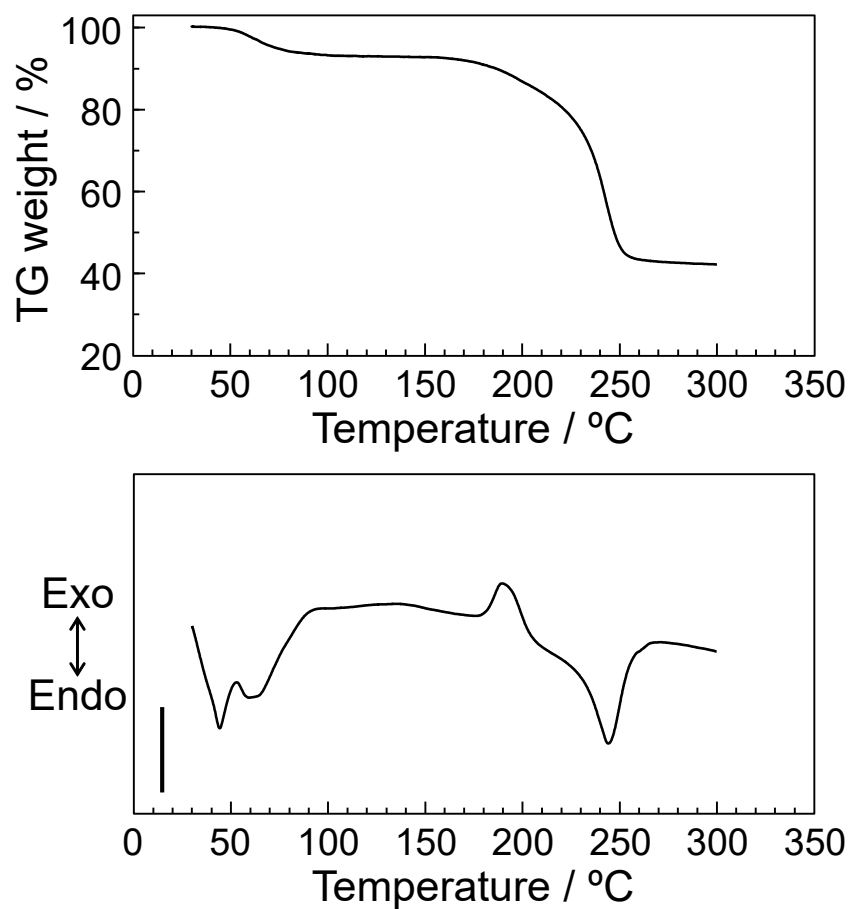


Fig. S1 TG (a) and DTA (b) curves of $R=0.95$ composite. The TG-DTA measurements were done at the heating rate of $10\text{ }^{\circ}\text{C min}^{-1}$ under flowing dry-nitrogen. The scale bar in Fig. S1(b) shows $20\text{ }\mu\text{V}$. Similar results were obtained for triplicate experiments.

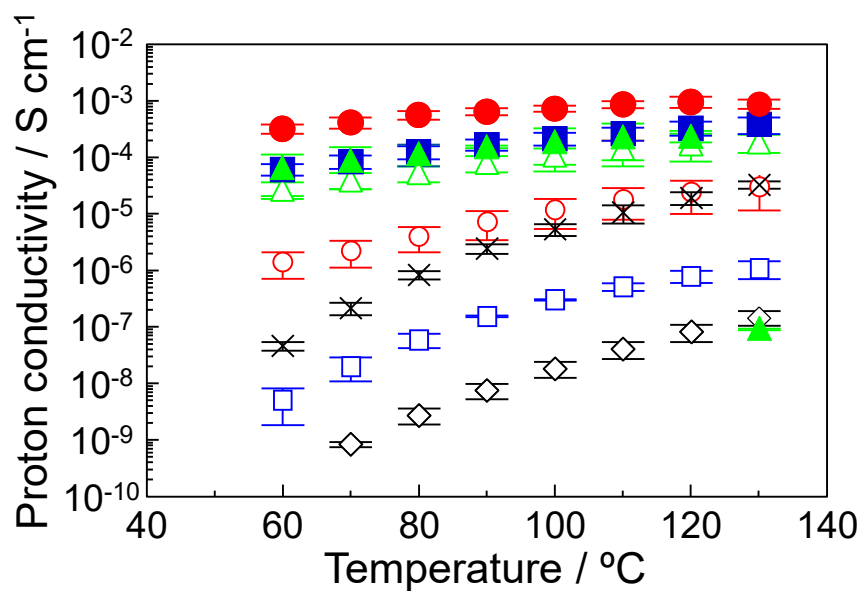


Fig. S2 Proton conductivity of the P-MDP composites. The molar ratios are ($*$) $R=0.6$, (\odot) $R=0.7$, (\triangle) $R=0.8$, (\square) $R=0.9$, (\odot) $R=0.93$, (\otimes) $R=0.95$, and (\blacksquare) $R=0.98$. (\otimes) shows the P-MP composite with $R=0.95$. The error bars indicate the standard deviation.