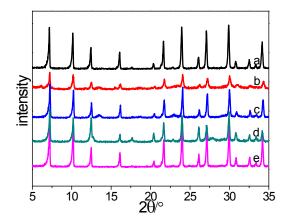
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Scheme S1 Hydrolysis behavior and condensation mechanism of bridged polysilsesquioxane with silicate solution.



 $Fig. \ S1\ Powder\ X-ray\ diffraction\ patterns\ for\ Ca-A\ and\ Ca-MA-x\ zeolites:\ a: Ca-A-0;\ b:\ Ca-MA-1;\ c:$

Ca-MA-2; d: Ca-MA-3; e: Ca-MA-4.