

九州工業大学学術機関リポジトリ



Title	Apatite Formation Abilities and Mechanical Properties of Hydroxyethylmethacrylate-based Organic-inorganic Hybrids Incorporated with Sulfonic Groups and Calcium Ions
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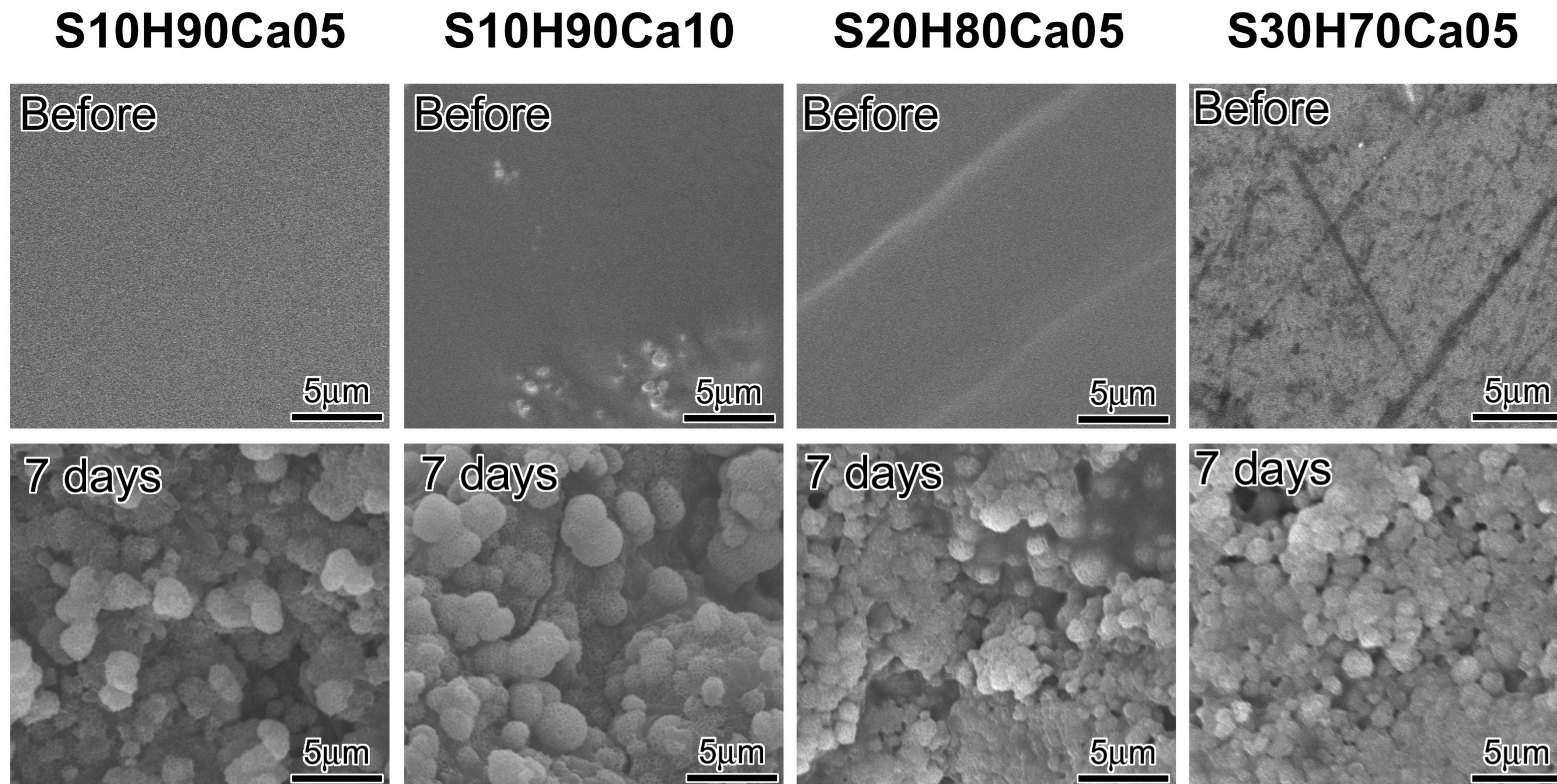


Fig. 1 SEM photographs of the surfaces of the hybrids before and after soaking in SBF for 7 days.

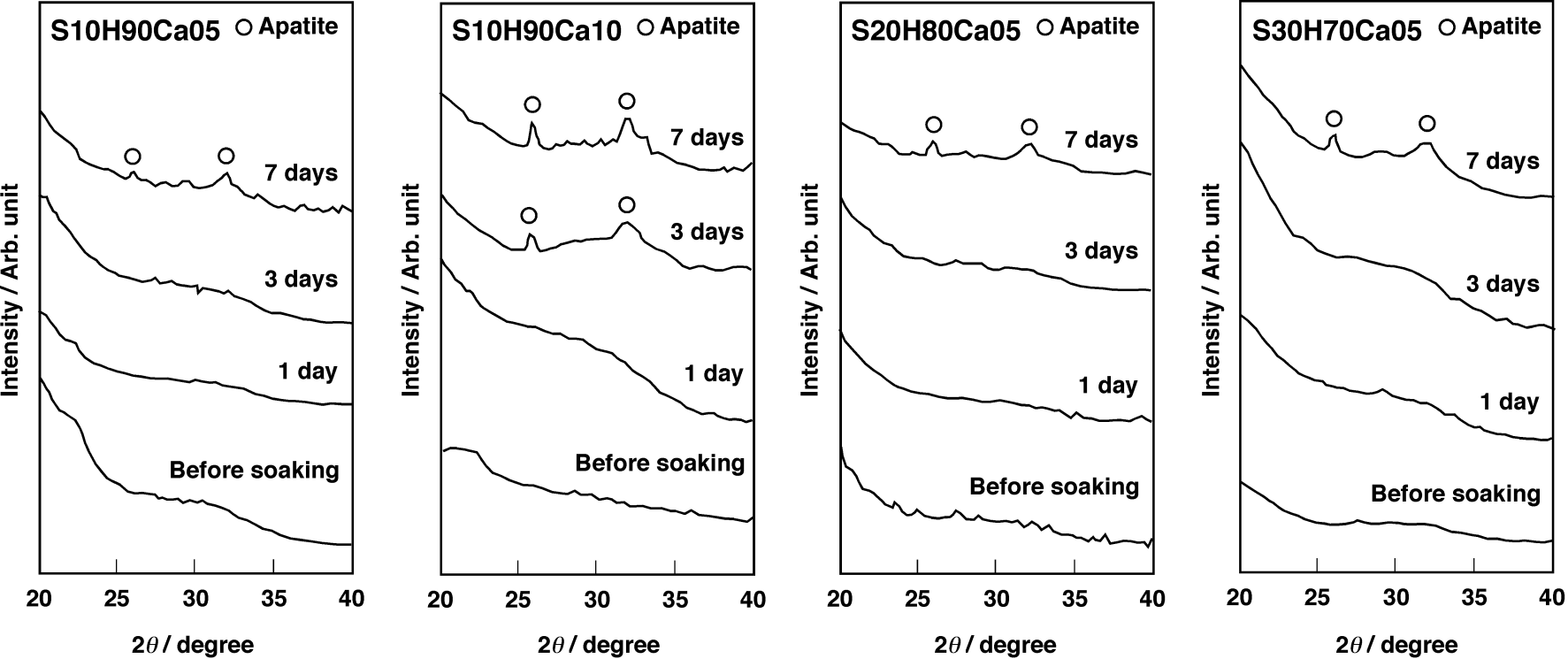
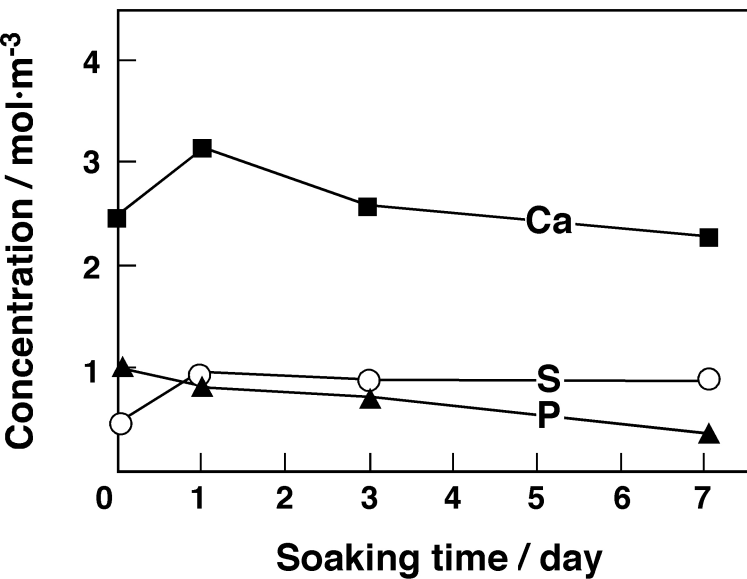
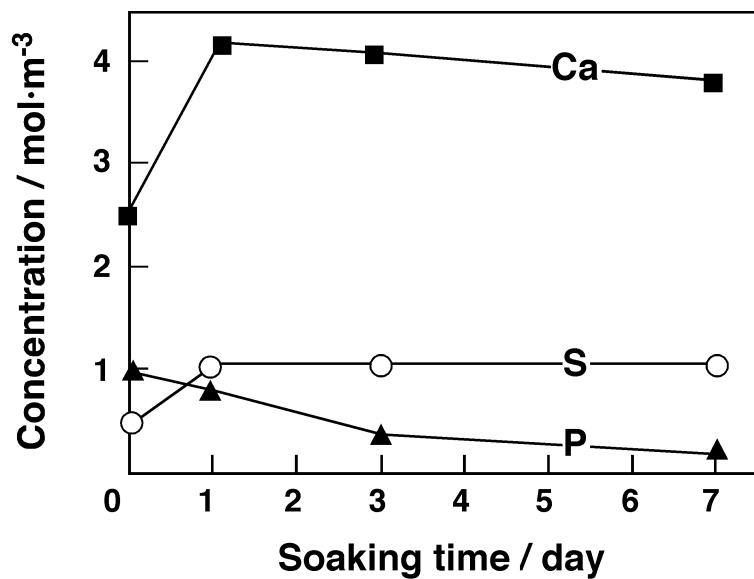
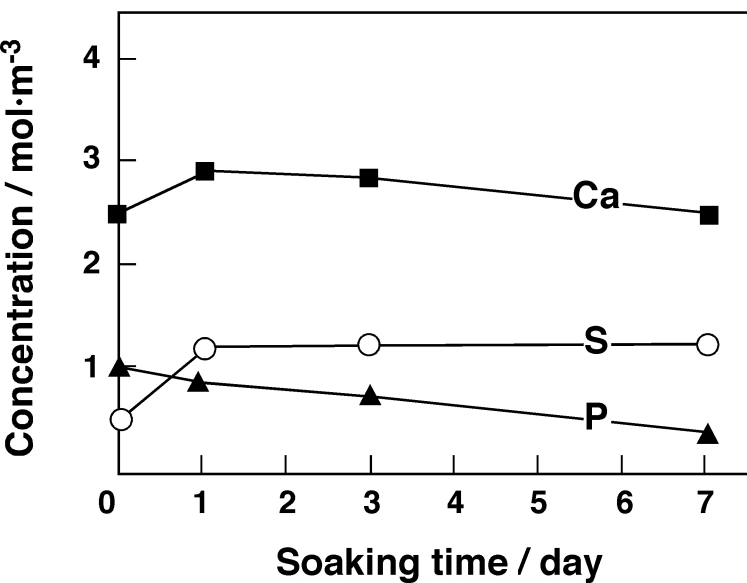
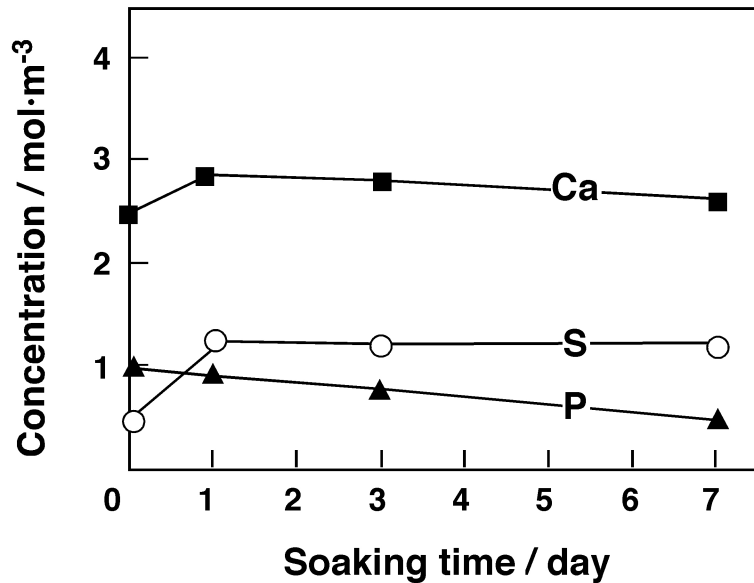


Fig. 2 TF-XRD patterns of the surfaces of the hybrids before and after soaking in SBF for various periods.

S10H90Ca05**S10H90Ca10****S20H80Ca05****S30H70Ca05****Fig. 3** Changes in element concentrations of SBF after soaking of the hybrids measured by ICP analysis.

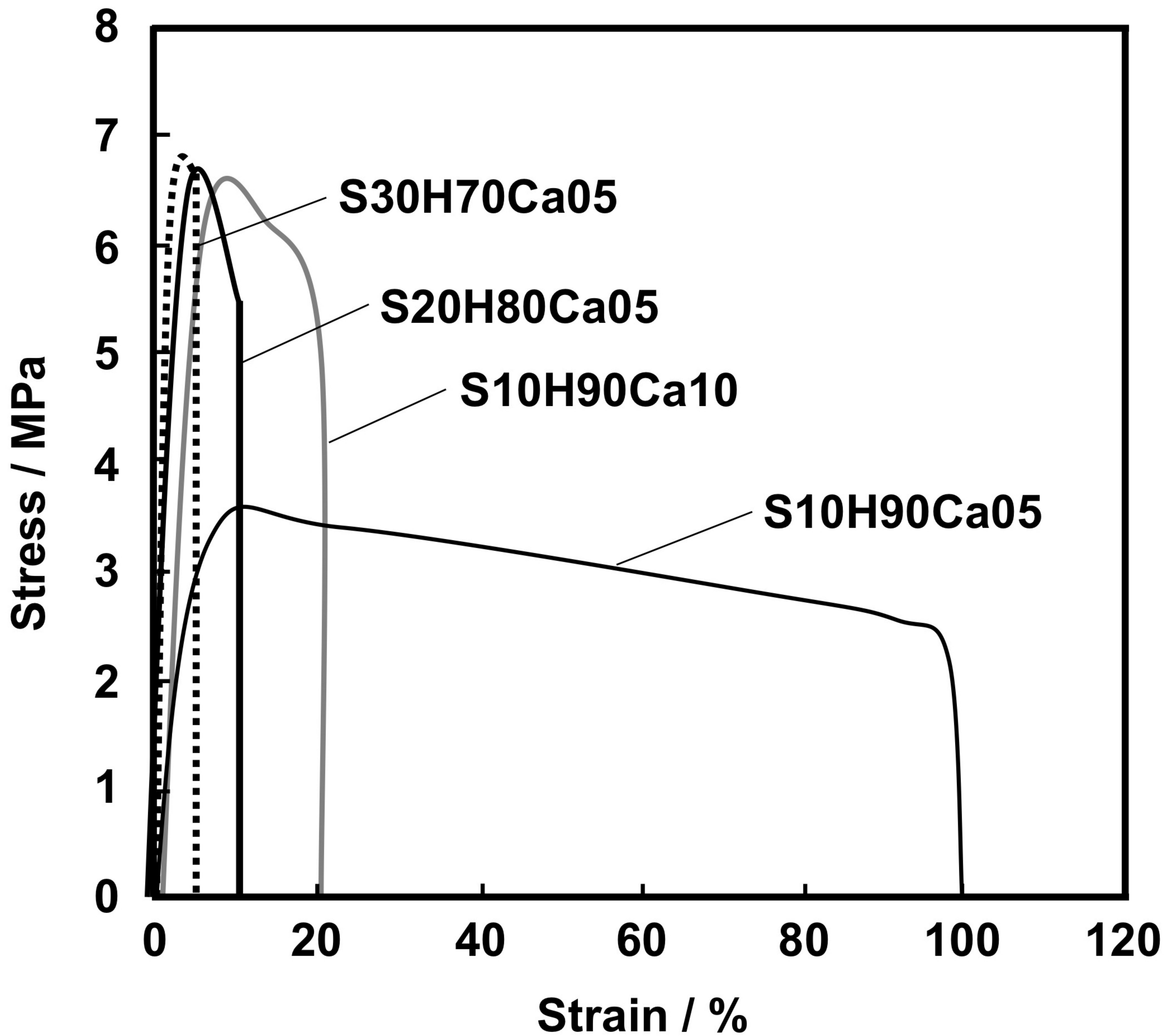


Fig. 4 Representative stress-strain curves of the hybrids.