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Organo-aluminium Polymers Prepared From Aluminium Alkoxides and Their Major Applications

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Summary Preparation of organo-aluminium polymers from aluminium alkoxides and the types of organo-aluminium polymers are reviewed. Their major applications are also summarized.

Key words Aluminium alkoxides, Organo-aluminium polymers

保鲜涂料 这类涂料可涂在水果、蔬菜、肉食上,使其保鲜。水果的贮存和保鲜是一个大问题,现在有多种水果保鲜涂料,例如紫胶涂料、氧化聚乙烯蜡水分散涂料和干酪素等,涂在水果上能防止水果腐烂变质,起保鲜和防干作用,可以贮存较长时间。有人曾做过试验,将柑桔涂上紫胶涂料,在室温下贮存95天之后,好果率为66.5~74%,而不涂涂料的好果率仅为17.6%。将去皮的小苹果片浸入干酪素保鲜涂料中,几天后,这些苹果片仍然能保持新鲜(加入少量维生素C还可以防止褐变),而未加保护的同样苹果片则在数小时内即起皱并呈现出褐色。蔬菜保鲜涂料能使蔬菜保持新鲜并保持天然色泽。肉食保鲜涂料涂在肉食表面上能使肉食久存不坏,例如涂在牛肉表面,保鲜期为50天,涂在羊肉表面,保鲜期可达70天之久。

(蒋孟华)