

WP-325

Water based chlorinated polyalkene

水性氯化聚丙烯

INTRODUCTION

It exhibits strong adhesion to plastics such as PP, PE, BOPP, and EDPM. It demonstrates excellent compatibility with water-based acrylic and polyurethane emulsions, good storage stability with no stratification, precipitation, or demulsification, rapid drying, and excellent film-forming properties with superior water and chemical resistance.

TYPICAL VALUES

Tg(°C)	25
MW(GPC)	55000
Viscosity at 25 °C, mPa.s	4500
Specific Gravity	0.92
Effective content	30%

APPLICATION

Additive: Used in waterborne styrene-acrylic emulsions and waterborne polyurethane systems to enhance adhesion to materials such as PP, BOPP, PET, and nylon. Recommended addition amount: 5-15% of the total formulation. It exhibits good compatibility, rapid drying, does not reduce the hardness of the formulation system, and enhances water resistance.

Primer: As a water-based primer, it is applied directly to the surface of various materials, providing a more direct improvement in adhesion. It is diluted with pure water at a ratio of 1:6-8 and applied by spraying, spraying, or rolling. Adding water-based surface wetting agents (such as Tego425) reduces the surface tension of the diluted solution, minimizing surface defects during application. This enhances the wetting effect on the material and improves adhesion.

Packing: 20kg Plastic buckets, 200kg iron drums

更详尽的应用参考资料及MSDS备索……