

PLEXTOL A 4804 S is a water-based acrylic emulsion polymer with pressure-sensitive properties. It offers very low VOC and FOG levels, providing good adhesion-cohesion balance and high tack suitable for specialty tapes.

For further information regarding this product please refer to:

Adhesive Polymers (EMEA)

eMail: Adhesive-polymers-EMEA@synthomer.com

Property	Typical Value	Unit	Method ¹
Solids Content	64.0	%	DIN EN ISO 3251
pH Value	7.8		DIN ISO 976
Viscosity (Brookfield RVT 20rpm, @ 23°C)	1400	mPas	DIN ISO 1652
Viscosity (MV DIN, Dr=50 s-1, @ 23°C)	360	mPas	DIN ISO 3219

¹ internal method based upon the specified norm

Application Advice

PLEXTOL A 4804 S is an excellent base polymer for tackified and non-tackified pressure sensitive adhesive applications and enables low VOC/FOG formulations for automotive tapes and specialty tapes.

PLEXTOL A 4804 S exhibits very good adhesion to a wide range of substrates. To further enhance its tack and peel to polyolefinic substrates, it can be formulated with commercially available tackifiers .

By mixing PLEXTOL A 4804 S with other emulsions and additives, the film properties can be influenced within wide limits and thus adapted to the intended application. Formulations and the resulting properties have to be tested by the manufacturer.

For additional information please contact our Technical Service team.

Shipping and Storage

This product is supplied in road tankers or in non-returnable plastic drums secured by a lid with clamping ring or in non-returnable palletized bulk containers (net volume 1.000 lt). The product must be protected from frost and exposure to direct sunlight. Storage temperatures between +5 °C and +30 °C are recommended. The product contains in-can preservation to protect it against microbiological attack during transportation. For protection against microbiological contamination during storage stringent plant hygiene is essential. Depending on the storage conditions addition of suitable preservatives may be necessary. Care must be taken that drums and containers are properly closed. During storage, shipping and handling contact with metal surfaces that are not corrosion protected must be avoided. When stored properly, the product has a shelf life of 6 months from the date of delivery.

Product Safety

Before handling, please read the Safety Data Sheet of this product for advice on safety, use and disposal.