

PLEXTOL DS 155 is an low VOC aqueous emulsion of a thermoplastic acrylic polymer.

For further information regarding this product please refer to:

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Property	Typical Value	Unit	Method ¹
Solids Content	65	%	ISO 124
pH Value	5.0		ISO 976
Viscosity (Brookfield RVT 2/20)	425	mPas	ISO 1652
Glass Transition Temperature	- 34	°C	
Mean Particle Size	0.625	µm	
Loop tack (PET/Glass)	32	N/25mm	FTM 9
Peel adhesion (PET/Steel)	26	N/25mm	FTM 1
Dynamic shear (PET/Steel)	31	N/12.7 mm	FTM 18
Ionic Character	anionic		

¹ internal method based upon the specified norm

Application Advice

PLEXTOL DS 155 is protected against bacterial attack during storage. In the manufacture of finished products, the material has to be re-treated, as usual, with suitable agents to give enhanced preservation. PLEXTOL DS 155 can be diluted with water to provide liquors of any desired concentration. PLEXTOL DS 155 can be thickened by means of thickener emulsions (e. g. PU thickener TEGO XP 8500). PLEXTOL DS 155 can be applied by the usual methods such as spraying, impregnating, printing, padding and coating. By mixing PLEXTOL DS 155 with other emulsions from the PLEXTOL range, the film properties of the former can be influenced within wide limits and thus adapted to the intended application. Silicone coated papers are suitable for covering the self-adherent coatings. - PLEXTOL DS 155 can be used to produce special self-adherent tapes.

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 12 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.