

LITEX T 5260

Litex® T 5260 is an aqueous dispersion of a carboxylated styrene-butadiene copolymer.

The dispersion was specially developed for secondary backing, particularly for the two coat process. When this technique is employed the handle of the carpet is mainly influenced by the choice of the dispersion for first or precoat. Litex® T 5260 also can be used for the one coat process. When this technique is employed the dispersion gives the carpet a soft handle.

Litex® T 5260 contains an antioxidant.

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PROPERTY	VALUE	UNIT	METHOD*
Solids Content	52,5	%	ISO 3251
pH Value	8,5		DIN ISO 976
Surface Tension	40,0	mN/m	DIN ISO 1409
Viscosity (Brookfield LV 2/30)	< 600	mPas	ISO 1652

* internal method based upon the specified norm

The information and our technical advice - whether verbal, in writing or by way of trials - are given in good faith but without warranty, and this also applies where proprietary rights of third parties are involved. Our advice does not release you from the obligation to check its validity and to test our products as to their suitability for the intended processes and uses.

The application, use and processing of our products and the products manufactured by you on the basis of our technical advice are beyond our control and, therefore, entirely your own responsibility. Our products are sold in accordance with our General Conditions of Sale and Delivery.

® = registered trademark

General information:

Litex® T 5260 has good storage characteristics and also good mechanical and chemical stability.

Application advise:

Litex® T 5260 is used with fillers such as calcium carbonate, or can be used as a filler-free system. The filler content of compound should be kept as low as economically possible, in order to ensure that the finished article is capable of being recycled after its useful life. For flame retarded carpets it is possible to use aluminium oxide as filler. Similarly it is possible to adjust the electrostatic properties of the backing by the addition of antistatic agents to Litex® T 5260. The viscosity of compounds can be adjusted to the desired level using the normal acrylate thickeners which are well known in the industry (e.g. alkalised Plectol® X 4050). The dispersion, or compounds based on it, can be frothed using a foaming machine and spread using a doctor roller or blade. The foam density is usually in the range of 500-600 grams per litre. The correct use of Litex® T 5260 ensures excellent filament bonding, a high pile anchorage to the base fabric, and durable bond to the secondary cloth.

Dispatch and storage:

Litex® T 5260 is normally delivered in road tankers. Shipment in drums and 1 ton containers is also possible for customers who are just taking small quantities. The storage temperature of the dispersion should not fall below + 5 °C and not exceed + 40 °C. In air-tight, unopened, original drums or containers, and provided the storage conditions are met, the dispersion is stable for 6 months after delivery. However a slight drying of the surface, or some cream formation cannot be ruled out. It is therefore advisable that the dispersion, or compounds made from it, should be stirred, or mixed before use. The contents of drums, or containers, should be used up as soon as possible after opening.

General indications on safety:

Litex® T 5260 is, according to the German "Gefahrstoffverordnung", and the EU Directive 67/548/EWG, not subject to the labelling provisions for hazardous substances. It is not subject to any current transport regulations for hazardous materials. If you have further questions please contact our Technical Service Department.

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Effluent and environmental protection:

When Litex® T 5260 is present in effluent water it can be removed by a suitable flocculation method.

The dumping or burning of solid containing residues from this dispersion normally requires special measures. Local disposal regulations should be observed. The emulsifier contained in the dispersion is biodegradable. The dispersion meets the GuT (Gemeinschaft umweltfreundlicher Teppichboden) requirements regarding volatile organic compounds.

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