

LIPOLAN F 2820F is an aqueous dispersion of a reinforced styrene-butadiene copolymer with a high solids content. The emulsifier used is an alkaline salt of fatty acids, which gives the product good stability and foamability. Moulded foam based on LIPOLAN F 2820F exhibits a medium high indentation hardness with a good resilience.

For further information regarding this product please refer to:

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Property	Typical Value	Unit	Method <sup>1</sup>
Solids Content	67,0	%	ISO 124
pH Value	10,6		ISO 976
Surface Tension	39,0	mN/m	ISO 1409
Viscosity (Brookfield LV 3/30)	< 2200	mPa s	ISO 1652

<sup>1</sup> Internal method based upon the specified norm

## Application Advice

LIPOLAN F2820F remains mechanically stable when complying with the storage conditions given below.

Vulcanised latex foam made using LIPOLAN F 2820F exhibits a high resilience. It has a very soft character and excellent mechanical properties. Both tensile strength and elongation at break of the vulcanised latex allow a great flexibility of mould design. LIPOLAN F 2820F has to be vulcanised in a similar manner to natural rubber latex. In order to achieve an optimal quality level, rubber chemicals must be adapted to the compound formulation and manufacturing conditions. LIPOLAN F 2820F suits to Dunlop, Talalay and non-gel process.

## Shipping and Storage

LIPOLAN F 2820F is delivered in road tankers. Shipment in 1 ton containers (IBC) is also possible.

LIPOLAN F 2820F must permanently be protected against frost. The ideal storage temperature range is between + 5°C and + 30 °C.

Exposure to temperatures above + 30 °C or to direct sunlight for extended periods of time has to be avoided. Temperatures never must exceed + 40 °C.

Complying with these storage conditions the dispersion has a shelf life of 6 months after delivery, when kept permanently and tightly closed. The pH value of the dispersion may decrease due to absorption of carbon dioxide from air. Dispersions having a pH lower than 10 should be readjusted to the initial value using an aqueous KOH solution of 5 % concentration. Material in broached containers should be used as soon as possible. In some cases, a slight drying of the surface or some cream formation cannot be excluded. Therefore the dispersion or the compound made of it should be stirred or mixed before use.

## Product Safety

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