

LamEla ACT series

Glue-less stretch elastic ear with improved technical characteristics and softness

Thanks to a brand-new lamination line it is possible to offer an innovative product studied to meet the actual and future diaper market expectation.



Glue-less structure:

Substrate A - Super Soft spunbonded nonwoven.
Film - New formulation multilayer cast embossed elastic film.
Substrate B - Super soft spunbonded nonwoven.

Higher softness:

The new production process, combined with a supersoft spunbond results in a really soft and textile like.

More sustainable:

The absence of glue and the mono-material composition of the full three-layer structure, allows to recycle the product.
The polyolefinic chemistry is recognized as a best option for future

Improved technical characteristics:

The elastic film formulation and the specific new production process give to this elastic ear a very good permanent set and excellent elasticity

Breathable:

With the stretch due to the application, micro-holes are created which make the structure breathable for a greater comfort.

Typical properties

Parameters		Test Method	LamEla SB 90 X-TRA ACT	Unit
Tensile strength	CD	WSP 110.4.R4	34,0	N / 50mm
Elongation at break	CD	WSP 110.4.R4	270	%
Peeling	CD	Internal	>4	N / 50mm
Elongation at 1Kg	CD	WSP 110.4.R4	100,0	%
ELASTIC PERFORMANCES AT 2° CYCLE				
Permanent set at 100% elongation	CD	ASTM D 5459	6,5	%
Retention at 100% elongation	CD	ASTM D 5459	70	%
Relaxation at 100% elongation	CD	ASTM D 5459	30	%