

GISA TEX RG35®

General description

RG35® is a flexible polyurethane foam based on a polyester or polyether polyol. RG35® meets rating HF1 of the UL94 test, required for electronic equipments and passes other flame tests such as the MVSS 302 in transport and automotive. RG35® shows a very good acoustic performance.

Product range and codification

RG35® 5 xxy
RG35® T xx

RG35® 5 is a polyester based foam, featuring at the same time the advantages and physical properties of traditional polyester foams of similar density, such as an excellent thermal insulation and acoustic performance. RG35® T is a polyether based foam. Compared with the polyester based foams. it shows an improved ageing behaviour.

The two digits xx indicate a density level.

The digit y refers to a sequential number or hardness scale.

Fire behaviour

As shown, RG35® passes different flame tests.

TEST	RATING
ISO 3582	SE
MVSS 302	SE
UL94	HF1 (*)

(*) Official report available upon request

RG35 have an improved flammability and pass the DIN 4102 - B1 test.

Applications

RG35® is mainly used as sound absorption material in the electronics and data processing industries. electrical household goods, automotive industry. aeronautic industry, transport industry.

General characteristics and possibilities of use

RG35® can be cut, profiled, embossed, milled, felted. pellified. thermally welded•...

It can be laminated and combined with other materials, such as self adhesive. paper, other foams. vinyl, fabrics, heavy mass•...

RG35® can be diecut.

FOAM TYPE	PLANT	D (*) kg/m3 (b)	CLD-40 % (*) kPa (c)	ER % (g)	RR kPa %	CC PPI (j)	CD (*) micron (x)	CS % (wa)
RG35 S 305	We	28-32	3.6 - 5.4	180	140		740-1080	8

Test methods p10.

(*): parameters considered as critical properties for this Foam Family. All other parameters considered as Typical Value

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