



## COMPOSITE FOAM

### DESCRIPTION

Whether used in packaging or as transport protection, impact noise insulation, gymnastics matt cores, etc., our high-quality composite foams made from trimming wastes from the foam industry have a wide range of applications. They are an economical alternative to new foam and have a higher density in comparison. They are also physiologically neutral and have very good damping properties.

### FORMAT

SHEETS	2'050 x 1'050 mm untrimmed   thickness from 5 mm
BLOCK	2'050 x 1'050 mm untrimmed   thickness 380 – 650 mm
	Depending on bulk density
TOLERANCES	Length and width $\pm$ 1.5%, thickness $\pm$ 5%

### MATERIAL

PROPERTIES	Sparing use of resources, temperature-resistant, very good noise and vibration damping, high strength and flexibility, high absorption of drop and collision energy.
COMPOSITION	Foam flakes bonded with PUR.

### SPECIFICATIONS

BULK DENSITY From approx. 80 – 300 kg/m<sup>3</sup>

COMPRESSION HARDNESS OF DIFFERENT QUALITY TYPES	BULK DENSITY kg/m <sup>3</sup>	CLD 40% kPa	DVR in % 75%/22h/70°C	TENSILE STRENGTH kPa	EXTENSION IN %
090.0080	80	17.2	35	104.3	68.1
090.0100	100	24.6	25	113.1	57.7
090.0120	120	31.9	34	112.4	42.8
090.0150	150	40.2	28	134.7	49
090.0170	170	50.1	20	103.7	49
090.0200	200	90.6	14	219.2	42.7
090.0250	250	160.7	20	259.1	38.1
090.0300	300	278.3	23	297.7	32.5

#### EXPLANATION REPORT

CLD 40%: Compression hardness at 40% compression (DIN EN ISO 3386-1)  
DVR: Compression set at 75% compression + 70° C (DIN EN ISO 1856)

### SPECIAL FEATURES

TRIMMING	Block and sheet formats can be trimmed on request
SELF-ADHESIVE LAYER	Our composite foam can also be laminated with a self-adhesive film. single or double sided depending on your need.



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