CROWN GENERAL
QUALITY FOAM SINCE 1965

PVC-foam D.170/200 SR

PRODUCT DESCRIPTION

Our medium slow recovery foam or memory foam has a closed cell structure and can be used for various applications. Its outstanding water sealing properties make this foam ideal for water sealing of all sorts. This medium density foam is available in different thicknesses, colours and with special options.

Characteristics

- Density of 170-200 kg/m³
- Closed cell structure
- Recovers slowly after compression
- Thicknesses from 1,5 mm up to 30 mm
- Self-extinguishing
- Temperature resistance: -30° C to +60° C
- CFC, cadmium and lead free
- Very good ageing properties
- Excellent resistance to various chemicals, weather and UV influences
- Passes FMVSS 302 (thickness ≥ 4 mm)

Main applications

- Watertight hatches, windows and doors
- ECG pads
- Water seal gaskets
- Anti-vibration and noise damping
- Flooring

Options

- High temperature resistant foam (CC)
- Non burning foam (NB)
- Non-phthalate (NP)

Markets using this foam

Automotive

Construction

General industry

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PRODUCT SPECIFICATION

PARAMETERS	UNIT	VALUE	NORM
Density	kg/m³	170-200	ASTM 1667
Tensile Strength	Kpa	≥ 275	DIN 53571
Elongation at Break	%	≥ 120	DIN 53571
Tear Strength	N/mm	≥ 1,1	DIN 53515
Compression Set (50%/23°C/72h)	%	≤ 30	DIN 53572
Compression Deflection	Kpa	0 s. 25-50 60 s. 10-35	ASTM 1667
Shore oo Hardness		25-50	
Water absorption	%	≤ 15	
Compression Waterseal		≥ 20 %	U-TEST
Flammability	mm/min	≤ 100 (≥ 4 mm)	FMVSS 302
Temperature Range	°C	-30 / +60	
Tolerance: **At G > 500 g/m²: +/-10 %** **At G ≤ 500 g/m²: +/-20 %** **G = weight**	-	-	-

Thermoplastic product. Store in a dry place away from the sun. On request, also available with NON PHTHALATE PLASTICIZER (possible traces). In compliance with REACH regulation. Available Product Safety Information on request.

Products with different technical characteristics can be developed and manufactured at request. The above data are only for information and do not involve any guarantee. As our products are used for many purposes, we recommend our customers to do their own tests to determine the suitability of our products for their purposes and applications.