



CROWN GENERAL

QUALITY FOAM SINCE 1965

PVC-foam D.220/250 ST

PRODUCT DESCRIPTION

Our high density foam can be used for various applications (water seal, security glazing, transport pads, ...) as a cost-effective and high quality foam solution. This high density foam is available in different thicknesses, colours and with special options.




Characteristics

- Density of 220-250 kg/m³
- Closed cell structure
- Easy conversion
- Thicknesses from 1 mm up to 15 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 ≥ 3 mm)
- Water seal at 15% compression

Main applications

- Water seals
- Security glazing
- Transport pads

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/m ³	220-250	ASTM 1667
Tensile Strength	Kpa	≥ 350	DIN 53571
Elongation at Break	%	≥ 100	DIN 53571
Tear Strength	N/mm	≥ 1,5	DIN 53515
Compression Set (50%/23°C/72h)	%	≤ 20	DIN 53572
Compression Deflection	Kpa	0 s. 30-70 60 s. 15-35	ASTM 1667
Shore oo Hardness	T ≤ 6mm T > 6mm	40-70 45-85	
Water absorption	%	≤ 50	
Compression Water seal		≥ 15 %	U-TEST
Flammability	mm/min	≤ 100 (≥ 3 mm)	FMVSS 302
Temperature Range	°C	-30 / +60	
Tolerance: At G > 500 g/m ² : +/-10 % At G ≤ 500 g/m ² : +/-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.