



DESCRIPTION

The CC002 EPDM compound (cellular EPDM) is characterized by its medium-density foam structure, offering an excellent balance between flexibility and support. Combining excellent elasticity with complete impermeability, it ensures reliable sealing and effective absorption of mechanical stresses during service.

Cellular structure	Closed-cell
Color	Black
Material type	EPDM

APPLICATIONS

- Automotive
- Heating and air conditioning
- Railway
- Constructions
- Security
- Aerospace
- Naval
- Earthmoving machinery
- Machine tools
- Sport
- Eletrical
- Photovoltaics
- Wind energy
- Electricity

TECHNICAL DATA

Test description	Standard	Unit	Value
Density	ISO 845	kg/m ³	120 ± 20
Load deflection	ASTM D1056 NFR 99-211	%	25 (13,8-62,1 kPa) 50 (80-160 kPa)
Compression	ASTM D1056 23°C, 50% after 22h NFR 99-211 40°C, 50% after 22h	%	≤ 35 ≤ 80
Water absorption	NFR 99-211	%	≤ 5
Hardness	ASTM D 2240	Sh 00	35 ± 5
Temperature			
Constante temperature		°C	-40 / +100
Intermittent temperature		°C	+115
Resistance	Ozone, air and UV		
Standards	FMVSS - 302 ≥ 5 mm		
Environnemental standards	REACH – RoHS GADSL CFC Free compliant Nitrosamine free		

The technical specifications mentioned above are typical average values obtained using the test methods indicated and may therefore be subject to normal manufacturing variations. They are provided for guidance only. They do not constitute a guarantee, and we recommend that you carry out a test before final implementation.