



DESCRIPTION

The CC007 compound (closed-cell EPDM) is distinguished by its UL94 HBF-certified fire resistance properties, ensuring enhanced fire safety. Combining remarkable resistance to high temperatures and weathering, it provides durable protection and excellent in-service resilience against thermal and mechanical stresses.

Cellular structure	Closed-cell
Color	Black
Material type	EPDM/CR

APPLICATION

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

TECHNICAL DATA

Test description	Standard	Unit	Value
Density	ISO 845	kg/m ³	130 ± 25
Deformation	ASTM D-1056	%	25 (40 ± 15 kPa) 50 (120 ± 40 kPa)
Compression	ASTM D-1056 23°C, 50% after 24h	%	< 25
Water absorption	ASTM D-1056	%	< 5
Hardness	ISO 868	Sh 00	35 ± 6
Temperature			
Constante temperature		°C	-40 / +100
Intermittent temperature		°C	+120
Resistance	Ozone, abrasion, and weathering		
Certifications	UL94 HBF (5 mm) FVMUSS 302 Passed ≥ 3 mm		
Environmental standards	REACH – RoHS		

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.