



DESCRIPTION

The SPEC1 blend is characterized by its high-hardness EVA-PE formulation, offering excellent structural rigidity while remaining a remarkably lightweight product. Its high compressive strength ensures stable support and effective absorption of severe mechanical stresses during service.

Cellular structure	Closed-cell
Color	Black
Material type	EVA/PE

APPLICATIONS

- Automotive
- Heating and air conditioning
- Railway
- Construction
- Security
- 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	100 ± 25
Deformation	ASTM D-1056		
Compression	ASTM D-1056 23°C, 50% 24h	%	≤ 6
Water absorption	ASTM D-1056	%	< 5
Hardness	ISO 868	Sh 00	90 ± 5
Temperature			
Constante temperature		°C	-40 / +70
Intermittent temperature		°C	+80
Resistance	Ozone, abrasion, and weathering		
Environmental standard	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.