



EVAPORT COMPONENTS & INNOVATION LDA

| **SOLE**

| **Expansion 1.50**

## Technical Information

### Product description

Designed for the footwear segments crosslinkable and foam compounds primarily based on EVA. It is to be had in many colorations.

### Storage conditions

The material must be stored in closed and undamaged bags, at dry places not exceeding 30 °C, avoiding direct exposure to sunlight and weathering. With these storage conditions the shelf life of the material is six months.

Physical information	TEST METHOD	Value	Tolerance	Unit
Density	ISO 2781	0,25	±0,03	g/cm <sup>3</sup>

Hardness Information				
	ISO 868	32	±3	Shore A

### Durometer Hardness

	ASTM D2240	47	±3	Asker C
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Mechanical Properties					
Tensile strength	ISO 37	without skin	2,4	≥	mPa
Elongation at break	ISO 37		300	≥	%
Tear strength	ISO 34 Met. A	without skin	2,8	≥	kN/m
Abrasion	ISO 4649	10N – 40cm	375	≤	mm <sup>3</sup>
Shrinkage	Internal method	24h at 70°C	6	≤	%
Expansion rate	Internal method		150	±0,5	%

Processing Information	Value	Unit
First barrel zone	85-95	°C
Second barrel zone	85-95	°C
Third barrel zone	85-95	°C
Head of the barrel	90-100	°C
Mould temperature	175-185	°C
Curing time	420-480	s

The processing information provided for informational purposes. Temperatures, climate conditions, pressure and time are strongly influenced by the equipment and the mould construction and must be controlled manner during injection moulding process.

For any further information please contact [info@evaport.pt](mailto:info@evaport.pt)

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