



| SOLE

| Expansion 1.20

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	0,46	±0,03	g/cm ³

Hardness Information	TEST METHOD	Value	Tolerance	Unit
	ISO 868	52	±3	Shore A

Durometer Hardness

TEST METHOD	Value	Tolerance	Unit
ASTM D2240	67	±3	Asker C

Mechanical Properties	TEST METHOD	Condition	Value	Tolerance	Unit
Tensile strength	ISO 37	without skin	4,5	≥	mPa
Elongation at break	ISO 37		310	≥	%
Tear strength	ISO 34 Met. A	without skin	6	≥	kN/m
Abrasion	ISO 4649	10N – 40cm	150	≤	mm ³
Shrinkage	Internal method	24h at 70°C	6	≤	%
Expansion rate	Internal method		120	±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@evacare.com.tr

EVACARE

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