

CELLAMP® 5100

Styrene Isoprene Styrene Block Copolymer

Microcell Composite Company

Message:

CELLAMP® (Microcell + Damp)

For producing foaming boards with damping properties, which yield the best efficiency between -10°C and room temperature.

Pre-formulated & pre-foamed SIS compounds in pellet form

To be melt-processed with traditional rubber and thermoplastics such as EPDM, IIR, NBR, Silicone, PE, EVA by injection, extrusion or hot pressing

Used for making foamed articles or componenets.

Features:

Closed microcellular structure

Resilience / Elasticity

Damping properties

Light weight

Soft-touch /Tactile feel

Shape retention memery

General Information	
Features	Foamable
	High Elasticity
	Noise Damping
	Resilient
	Soft
Uses	Foamed Insulation Board
Forms	Pellets
Processing Method	Extrusion
	Injection Molding
	Press Molding

Physical	Nominal Value	Unit
Density	0.930	g/cm³
Melt Mass-Flow Rate (MFR) (190°C/5.0 kg)	14	g/10 min
Hardness	Nominal Value	Unit
Durometer Hardness (Shore A)	79	
Elastomers	Nominal Value	Unit
Tensile Strength	10.1	MPa
Tensile Elongation (Break)	620	%
Tear Strength	38.5	kN/m

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