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## EVA FOAM 201

### Features:

- Thermo-formable, Die Cutting
- Easily fabricated
- Can be cut, split and laminated
- Closed cell
- No Latex, Non-toxic

### Applications:

- Foot beds
- Flat insole
- Craft color sheet
- Surfboard traction pad
- Thermo-forming accessories/parts

Property	Test Method	Units	Typical Value
Hardness (Durometer)	JIS K6253	Asker C	25-45
	ASTM D2240	Shore A	10-30
Density	ASTM D297	g/cm <sup>3</sup>	0.07-0.11
		PCF	4.5-7.0
Tensile Strength	ASTM D412	kg/cm <sup>2</sup>	7
		PSI	99
Tear Strength	ASTM D624	kg/cm	2
Elongation	ASTM D412	%	130
Linear Shrinkage	70°C x 24hrs, 10mm	%	4
Compression Set	ASTM D3575-00	%	15
Compression Deflection 25%	ASTM D3575-00 Temp. 23+1°C	kg/cm <sup>2</sup>	0.7
		PSI	10
Resilience	ASTM D2632	%	35
Safety Standard	Conform to the following regulations EU: RoHs · REACH · PAHs · EN71-3 · AZO dye free US: CPSIA HR4040 · 16CFR1500 · ASTM F963		
Environmental Conformity	CFC Free		
Standard Availability	Bulk Sheet Size approx.: 43" x 83" Custom Sizes Available in Volume Thickness Range (1/16"-1")		



**NUEVA 301**

NUEVA 301 is a PE/EVA cross-linked closed cell foam with balanced weight, shock absorption and elasticity properties.

**Applications:**

- Footwear midsole
- Cushion/Packing material
- Toy
- Puzzle
- Protective parts
- Exercise mat

Property	Test Method	Units	Typical Value
Hardness (Durometer)	CNS3555 ASTM D2240	Asker C	30-50
		Shore A	15-35
Density	CNS35341 ASTM D297	g/cm <sup>3</sup>	0.09-0.12
		PCF	5.5-7.5
Tensile Strength	CNS3553 ASTM D412	kg/cm <sup>2</sup>	8
		PSI	114
Tear Strength	CNS3559 ASTM D624	kg/cm	3
Elongation	CNS3553 ASTM D412	%	140
Linear Shrinkage	70°C x 24hrs, 10mm	%	4
Compression Set	ASTM D3575-00	%	13
Compression Deflection 25%	ASTM D3575-00 Temp. 23+1°C	kg/cm <sup>2</sup>	0.9
		PSI	13
Resilience	ASTM D2632	%	-
Self-Extinguish Foam	FMVSS 302	mm/min	NIL
Size	cm (length) x cm (width) x mm (thickness)		
Safety Standard	Contains no PVC, no LATEX and conforms to CE safety regulation EN71-3(heavy metal limit), 76/769/EC (dangerous substance), 84/62/EC (harmful substance).		
Environmental Conformity	CFC and AZO Dye Free		
Standard Availability	Bulk Sheet Size Approx.: 43" x 83" Custom Sizes Available in Volume Thickness Range (1/16"-1")		



**NUEVA 401**

**Features:**

- Thermo-formable
- Easily fabricated
- No Latex
- Non-toxic

**Applications:**

- Removable(molded) insole
- Thermo-forming accessories/parts
- Orthopedic footwear material

Property	Test Method	Units	Typical Value
Hardness (Durometer)	JIS K6253	Asker C	40-60
	ASTM D2240	Shore A	20-40
Density	ASTM D297	g/cm <sup>3</sup>	0.12-0.16
		PCF	7.5-10.0
Tensile Strength	ASTM D412	kg/cm <sup>2</sup>	13
		PSI	185
Tear Strength	ASTM D624	kg/cm	6
Elongation	ASTM D412	%	180
Linear Shrinkage	70°C x 24hrs, 10mm	%	3
Compression Set	ASTM D3575-00	%	12
Compression Deflection 25%	ASTM D3575-00 Temp. 23+1°C	kg/cm <sup>2</sup>	1.5
		PSI	21.0
Resilience	ASTM D2632	%	35
Working Temperature		High	Low
	Short Term	90°C (194°F)	-40°C (-40°F)
	Long Term	70°C (58°F)	-30°C (-22°F)
Safety Standard	Conform to the following regulations EU: RoHs · REACH · PAHs · EN71-3 · AZO dye free US: CPSIA HR4040 · 16CFR1500 · ASTM F963		
Environmental Conformity	CFC Free		
Standard Availability	Bulk Sheet Size Approx.: 43" x 83" Custom Sizes Available in Volume Thickness Range (1/16"-1")		



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**NUEVAH701-10**

**Features:**

- Thermo-formable
- Easily fabricated
- Light weight & low density
- Good cushioning
- Low water absorption

**Applications:**

- Knee Pad
- Insole
- Tool Organizer

Property	Test Method	Units	Typical Value
Hardness (Durometer)	JIS K6253	Asker C	15-30
	ASTM D2240	Shore 00	40-60
Density	ASTM D297	g/cm <sup>3</sup>	0.055-0.08
		PCF	3.5-5.0
Tensile Strength	ASTM D412	kg/cm <sup>2</sup>	7
		PSI	99
Tear Strength	ASTM D624	kg/cm	3
Elongation	ASTM D412	%	200
Linear Shrinkage	70°C x 24hrs, 10mm	%	3
Compression Set	ASTM D3575-00	%	18
Compression Deflection 25%	ASTM D3575-00 Temp. 23+1°C	kg/cm <sup>2</sup>	0.3
		PSI	4
Resilience	ASTM D2632	%	50
Working Temperature		High	Low
	Short Term	90°C (194°F)	-40°C (-40°F)
	Long Term	70°C (58°F)	-30°C (-22°F)
Safety Standard	Conform to the following regulations EU: RoHs · REACH · PAHs · EN71-3 · AZO dye free US: CPSIA HR4040 · 16CFR1500 · ASTM F963		
Environmental Conformity	CFC Free		