



BCJN 200

CHEMICALLY CROSS-LINKED, FINE CLOSED CELL, EVA/LDPE FOAM IN BUN FORM



Armacell LLC (South Holland, IL Plant) manufactures a closed cell, 2 lb/ft³ (32 kg/m³) density, general purpose, EVA/LDPE fine cell foam product BCJN 200 in bun form, with a nominal 25% compression strength deflection value of 7 psi.

BCJN 200 is a chemically cross-linked polyolefin product that is available in a variety of colors and has been fully tested to the physical property test methods listed in ASTM D 3575.

BCJN 200 does not incorporate an added flame retardant but meets FMVSS-302 at thicknesses of 0.250" (1/4") (6.35 mm) and higher.



- Widely used general purpose closed cell EVA/LDPE
- ASTM D 3575 tested polyolefin, closed cell material
- Fine cell – manufactured in blocks (buns)



Engineered For Success.

Formulation Descriptions:

BCJN 200	Standard Formulation (EVA/LDPE Ethylene Vinyl Acetate/Low Density Polyethylene)
BCJN 200H	Meets UL 94 HF-1, but is not formally UL Listed
BCJN 200F	Flame Retardant version to pass FMVSS 302 at thicknesses less than 0.250" (6.35 mm) and UL 94 HBF.

Bun Size Information:

Product	Bun Size (in)			Bun Size (mm)			Color
	W	L	T	W	L	T	
BCJN 200	60	72	4	1524	1829	102	Black*
BCJN 200	48	72	4	1219	1829	102	Black*

* Available in a variety of colors

Automotive and Industrial Specifications:

Source	Specification	Armacell (OleTex®) BCJN 200	Comments
ASTM	C 236	Data available	Thermal Conductance
ASTM	D 624	Data available	Tear Strength
ASTM	D 1056	Data available	Various test methods for polyolefin foams
ASTM	D 3575	Data available	Cold Flexibility
ASTM	D 3575	Data available	Compression Force, Deflection at various values
ASTM	D 3575	Data available	Compression Set
ASTM	D 3575	Data available	Dimensional Stability
ASTM	D 3575	Data available	Elongation
ASTM	D 3575	Data available	Odor
ASTM	D 3575	Data available	Shrinkage
ASTM	D 3575	Data available	Tensile Strength
ASTM	D 3575	Data available	Thermal Stability
ASTM	D 3575	Data available	Various test methods for polyolefin foams
ASTM	D 3575	Data available	Water Absorption
ASTM	D 3795	Data available	Flammability
Chrysler	MSAY 518A	Type 1	Water and Dust Seals – LDPE
Chrysler	MSAY 561	Data available	Type 0
Federal	FMVSS 302	Meets at thicknesses of 0.250" (1/4") (6.35 mm) & higher	Flame resistance (horizontal burn rate). See note 2
Ford	WSK-M4D649-A	Data available	Gasket
GM	GM 6086-M	Data available	Seals
GM	GM 6438 Type 2	Data available	
GM	GMP PE056	Type 1	GM Worldwide specification for LDPE
GM	GMW 15063	Data available	See note 1
SAE	SAE J369	Meets at thicknesses of 0.250" (1/4") (6.35 mm) & higher	Flame resistance (horizontal burn rate). See note 2

Note 1: For all GMW 15063 callouts, Armacell (OleTex®) certifies to "basic" requirements only. Request additional information for each product. Providing application (exterior, interior or under-hood) and part thickness is helpful.

Note 2: A number of horizontal burn tests can also be listed (GM 6090, BMW, Volvo, etc.). Request additional information.

Data Sheet:

Physical Properties	Unit	Test Method	Typical Result
Density	lb/ft ³	ASTM D 3575 – Suffix W	2.0
	kg/m ³	ASTM D 3575 – Suffix W	32
Tensile Strength	psi	ASTM D 3575 – Suffix T	47
	kPa	ASTM D 3575 – Suffix T	324
Elongation	%	ASTM D 3575 – Suffix T	210
Tear Resistance	lb/in	ASTM D 3575 – Suffix G	11
	kN/m	ASTM D 3575 – Suffix G	1.92
Compressive Deflection (25%)	psi	ASTM D 3575 – Suffix D	7.1
	kPa	ASTM D 3575 – Suffix D	49
Compression Set	%	ASTM D 3575 – Suffix B	19
Thermal Stability	% change	ASTM D 3575 – Suffix S	< 3
Working Temperature	°F		-65 to +210
	°C		-54 to 99
Flammability (1)	Burn Rate	FMVSS 302	Pass at 0.250" [1/4"] [6.35 mm] & higher

(1) Flammability – This item and any corresponding data refer to typical performance in the specific test indicated and should not be construed to imply this material's behavior in other fire conditions.

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