



**OleTex<sup>®</sup>**

**CSJN 600**

## PROPRIETARY BLENDED STIFF GRADE PE FOAM PRODUCT IN ROLL FORM



Armacell LLC (South Holland, IL Plant) manufactures a closed cell, 6 lb/ft<sup>3</sup> (96 kg/m<sup>3</sup>) density, proprietary blended stiff grade PE foam product CSJN 600 in roll form, with a nominal 25% compression strength deflection value of 31 psi.

CSJN 600 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.

CSJN 600 does not incorporate an added flame retardant but meets FMVSS 302 at thicknesses of 0.1875" (3/16") (4.76 mm) and higher. A flame retardant can be added to accommodate thicknesses less than 0.1875" (3/16") (4.76 mm), to pass UL 94 HBF and/or HF-1 (not formally UL listed).



- 6 lb/ft<sup>3</sup> (96 kg/m<sup>3</sup>) density
- Proprietary blended stiff grade polyethylene (PE)
- ASTM D 3575 tested polyolefin, closed cell material
- Manufactured in rolls

 **armacell<sup>®</sup>**

Engineered For Success.

**Roll Size Information:**

Product	Roll Size Options (inches/feet)			Roll Size Options (mm/m)			Color
	W	L	T	W	L	T	
CSJN 600	8 – 82 in	Up to 720 ft	0.125 – 0.625 in	203 - 2083 mm	Up to 220 m	3.18 to 15.9 mm	Black*

\* Available in a variety of colors

**Automotive and Industrial Specifications:**

Source	Specification	Armacell (OleTex®) CSJN 600	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
Federal	FMVSS-302	Meets at thicknesses of 0.1875" (3/16") (4.76 mm) and higher	Flame resistance (horizontal burn rate). Passes at specific thicknesses. See note 1.
ISO	ISO 3795	Data available	Flammability
SAE	SAE J369	Meets at thicknesses of 0.1875" (3/16") (4.76 mm) and higher	Flame resistance (horizontal burn rate). Similar to FMVSS 302. Passes at specific thicknesses. See note 1.

Note 1: 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 <sup>3</sup>	ASTM D 3575 – Suffix W	6
	kg/m <sup>3</sup>	ASTM D 3575 – Suffix W	96
Tensile Strength	psi	ASTM D 3575 – Suffix T	140
	kPa	ASTM D 3575 – Suffix T	965
Elongation	%	ASTM D 3575 – Suffix T	150
Tear Resistance	lb/in	ASTM D 3575 – Suffix G	41
	kN/m	ASTM D 3575 – Suffix G	7.2
Compressive Strength (25%)	psi	ASTM D 3575 – Suffix D	31
	kPa	ASTM D 3575 – Suffix D	214
Compression Set	%	ASTM D 3575 – Suffix B	9.0
Thermal Stability	% change	ASTM D 3575 – Suffix S	< 0.5
Water Absorption	lb/ft <sup>2</sup> (skived)	ASTM D 3575 – Suffix L	< 0.07
	kg/m <sup>2</sup>	ASTM D 3575 – Suffix L	< 0.34
Working Temperature	°F		-65 to +210
	°C		-54 to 99
Flammability (1)	Burn Rate	FMVSS 302	Pass at specific thicknesses

(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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