

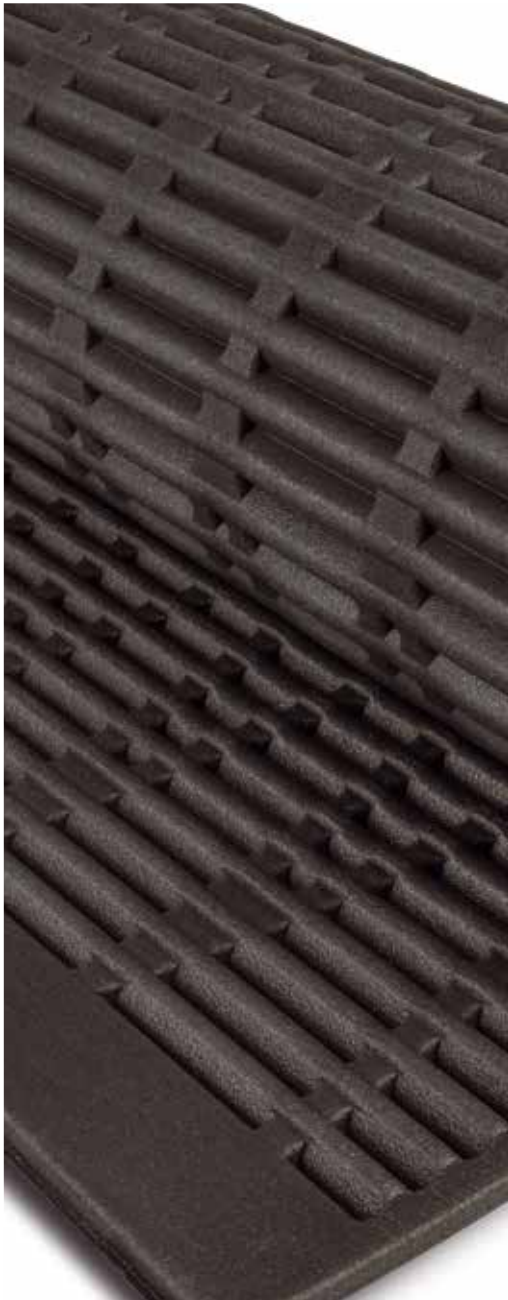
ENGINEERED FOR VERSATILITY

OleTex[®] CKJX 450

Closed cell PE crosslinked polyolefin foam in continuous rolls / sheets form

- // Chemically crosslinked
- // Tested per ASTM D 3575
- // Thermoformable / moldable
- // Film on 1 side
- // Multiple colors available

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 **armacell**[®]
ArmaComp[™]

OLETEX® CKJX 450 | Closed cell PE crosslinked polyolefin foam in continuous rolls / sheets form

OleTex CKJX 450: Armacell (Yukon, OK Plant) manufactures a continuous, (rolls / sheets) closed cell, 4.0 - 5.0 lb/ft³ (64.1 - 80.1 kg/m³) density, PE crosslinked polyolefin foam product CKJX 450. CKJX 450 meets the requirements of FMVSS 302 at 0.250" (1/4") (6.35 mm) & higher. CKJX 450 is specifically designed for improved thermoformability. CKJX 450 has film on one side. CKJX 450 is available in a variety of colors. ** This product is not intended for elevated temperature applications.

TECHNICAL DATA SHEET | ROLLS / SHEETS (effective 29NOV21)

POLYMER: PE

Physical Property	Test Method	Unit	Value
Cell Structure	-	-	Closed
Color	-	-	Multiple
Compression Deflection 10%	ASTM D 3575 Suffix D	psi kPa	7 - 13 48.3 - 89.6
Compression Deflection 25%	ASTM D 3575 Suffix D	psi kPa	12 - 16 82.7 - 110
Compression Deflection 40%	ASTM D 3575 Suffix D	psi kPa	17 - 23.5 117 - 162
Compression Deflection 50%	ASTM D 3575 Suffix D	psi kPa	21 - 32 144 - 220
Compression Set (Room temp)	ASTM D 3575 Suffix B	%	TBD
Density	ASTM D 3575 Suffix W	lb/ft ³ kg/m ³	4 - 5 64.1 - 80.1
Elongation	ASTM D 3575 Suffix T	%	110 min
Flammability	FMVSS 302	in mm	0.25 and higher 6.35 and higher
Service Temperature	Low	°F °C	-65 -54
	High Intermittent	°F °C	210 99
Tear Strength	ASTM D 3575 Suffix T	lb/in kN/m	24.5 min 4.3 min
Tensile Strength	ASTM D 3575 Suffix T	psi kPa	90 min 620 min
Thermal Stability	ASTM D 3575 Suffix S	%	TBD
Water Absorption	ASTM D 3575 Suffix L	lb/ft ² kg/m ²	0.1 max 0.5 max

All data and technical information are based on results achieved under the specific conditions defined according to the testing standards referenced. Despite taking every precaution to ensure that said data and technical information are up to date, Armacell does not make any representation or warranty, express or implied, as to the accuracy, content or completeness of said data and technical information. Armacell also does not assume any liability towards any person resulting from the use of said data or technical information. Armacell reserves the right to revoke, modify or amend this document at any moment. It is the customer's responsibility to verify if the product is suitable for the intended application. The responsibility for professional and correct installation and compliance with relevant building regulations lies with the customer. This document does not constitute nor is part of a legal offer to sell or to contract.

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OleTex CKJX 450 | DataSheet | 012022 | NA | EN-A

ABOUT ARMACELL

As the inventors of flexible foam for equipment insulation and a leading provider of engineered foams, Armacell develops innovative and safe thermal, acoustic and mechanical solutions that create sustainable value for its customers. Armacell's products significantly contribute to global energy efficiency making a difference around the world every day. With 3,200 employees and 24 production plants in 16 countries, the company operates two main businesses, Advanced Insulation and Engineered Foams. Armacell focuses on insulation materials for technical equipment, high-performance foams for high-tech and lightweight applications and next generation aerogel blanket technology.

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