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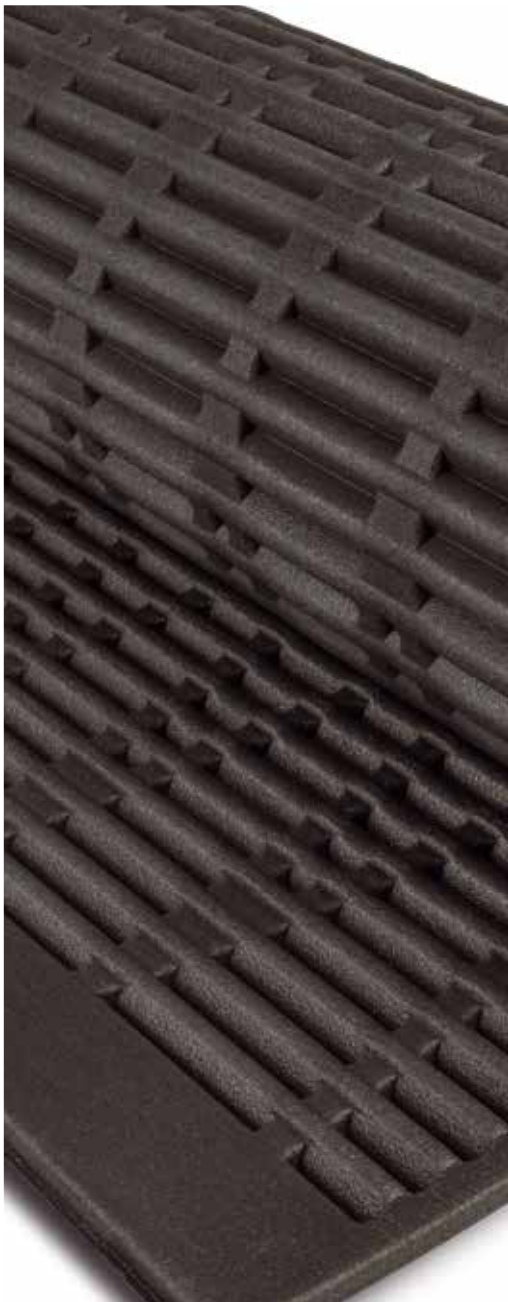
OleTex® CKJN 1200

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

// Chemically crosslinked
// Tested per ASTM D 3575
// Multiple colors available
// Listed on the approved source list for Stellantis (FCA/Chrysler) MSAY 551 Grade 6

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OLETEX® CKJN 1200 | Closed cell PE crosslinked polyolefin foam in continuous rolls/sheets form

OleTex CKJN 1200: Armacell (Yukon, OK Plant) manufactures a continuous, (rolls / sheets) closed cell, 10.8 - 13.2 lb/ft³ (173 - 211 kg/m³) density, PE crosslinked polyolefin foam product CKJN 1200. CKJN 1200 meets the requirements of FMVSS 302 at 0.250" (1/4") (6.35 mm) & higher. CKJN 1200 is listed on the approved source list for Stellantis (FCA/Chrysler) MSAY 551 Grade 6. CKJN 1200 is available in a variety of colors. ** This product is not intended for elevated temperature applications.

TECHNICAL DATA SHEET | ROLLS / SHEETS (effective 6DEC21)

POLYMER: PE

Physical Property		Test Method	Unit	Value
Cell Structure		–	–	Closed
Color		–	–	Multiple
Compression Deflection 10%		ASTM D 3575 Suffix D	psi kPa	24 - 45.5 165 - 313
Compression Deflection 25%		ASTM D 3575 Suffix D	psi kPa	46 - 79.5 317 - 548
Compression Deflection 40%		ASTM D 3575 Suffix D	psi kPa	64 - 112.5 441 - 775
Compression Deflection 50%		ASTM D 3575 Suffix D	psi kPa	83.5 - 150 575 - 1034
Compression Set (Room temp)		ASTM D 3575 Suffix B	%	10 max
Density		ASTM D 3575 Suffix W	lb/ft³ kg/m³	10.8 - 13.2 173 - 211
Elongation		ASTM D 3575 Suffix T	%	144 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	70 min 12.2 min
Tensile Strength		ASTM D 3575 Suffix T	psi kPa	235 min 1620 min
Thermal Stability		ASTM D 3575 Suffix S	%	TBD
Water Absorption		ASTM D 3575 Suffix L	lb/ft² kg/m²	0.1 max 0.5 max

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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