

ENGINEERED FOR VERSATILITY

# OleTex<sup>®</sup> CKJN 800

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

- // Chemically crosslinked
- // Tested per ASTM D 3575
- // Multiple colors available

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## OLETEX® CKJN 800 | Closed cell PE crosslinked polyolefin foam in continuous rolls/sheets form

**OleTex CKJN 800:** Armacell (Yukon, OK Plant) manufactures a continuous, (rolls / sheets) closed cell, 7.2 - 8.8 lb/ft<sup>3</sup> (115 - 141 kg/m<sup>3</sup>) density, PE crosslinked polyolefin foam product CKJN 800. CKJN 800 meets the requirements of FMVSS 302 at 0.250" (1/4") (6.35 mm) & higher. CKJN 800 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	12.5 - 30 86.2 - 206	
Compression Deflection 25%	ASTM D 3575 Suffix D	psi kPa	28 - 40 193 - 275	
Compression Deflection 40%	ASTM D 3575 Suffix D	psi kPa	37.5 - 53.5 258 - 368	
Compression Deflection 50%	ASTM D 3575 Suffix D	psi kPa	45.5 - 72.5 373 - 499	
Compression Set (Room temp)	ASTM D 3575 Suffix B	%	2 max	
Density	ASTM D 3575 Suffix W	lb/ft <sup>3</sup> kg/m <sup>3</sup>	7.2 - 8.8 115 - 141	
Elongation	ASTM D 3575 Suffix T	%	140 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	45 min 7.9 min	
Tensile Strength	ASTM D 3575 Suffix T	psi kPa	135 min 930 min	
Thermal Stability	ASTM D 3575 Suffix S	%	10 max	
Water Absorption	ASTM D 3575 Suffix L	lb/ft <sup>2</sup> kg/m <sup>2</sup>	0.1 max 0.5 max	

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## 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 3,000 employees and 23 production plants in 15 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.

For more information, please visit:

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