



CRUZ FOAM™

# CRUZ FOAM

## TECHNICAL DATA SHEET

### PRODUCT INFORMATION

Cruz Foam is a bio-benign packaging foam solution, designed to combat the features and failures of EPS and EPE foams. Our process and product are 100% natural, water based, and earth-digestible in any controlled composting environment. It is a scalable solution, offered through pre-existing manufacturing equipment, and is designed specifically for a frictionless transition from petroleum based foam manufacturing. Samples available upon request.

#### DATA

#### STANDARD

#### BASELINE FOAM

DENSITY   (Kg/m <sup>3</sup> )	ASTM3575W	61.6
DENSITY   (lb/ft <sup>3</sup> )	ASTM3575W	3.9
COMPRESSIVE STRENGTH   (@10% kPa)	ASTM3575D	3.2
COMPRESSIVE STRENGTH   (@25% kPa)	ASTM3575D	4.9
COMPRESSIVE STRENGTH   (@50% kPa)	ASTM3575D	8.1
COMPRESSIVE STRENGTH   (@75% kPa)	ASTM3575D	21.8
COMPRESSIVE STRENGTH   (@10% psi)	ASTM3575D	0.5
COMPRESSIVE STRENGTH   (@25% psi)	ASTM3575D	0.7
COMPRESSIVE STRENGTH   (@50% psi)	ASTM3575D	1.2
COMPRESSIVE STRENGTH   (@75% psi)	ASTM3575D	3.2

The data represented in this matrix is a typical values set demonstrated by an averaging of the reportable data for the foams in consideration. A small but natural variance is expected across manufacturing conditions and materials sourcing developments.



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