



CRUZ FOAM™

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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	SOFT FOAM	FIRM FOAM
DENSITY (Kg/m ³)	ASTM3575W	61.6	278
DENSITY (lb/ft ³)	ASTM3575W	3.9	17
COMPRESSIVE STRENGTH (@10% kPa)	ASTM3575D	3.2	39
COMPRESSIVE STRENGTH (@25% kPa)	ASTM3575D	4.9	155
COMPRESSIVE STRENGTH (@50% kPa)	ASTM3575D	8.1	341
COMPRESSIVE STRENGTH (@75% kPa)	ASTM3575D	21.8	1108
COMPRESSIVE STRENGTH (@10% psi)	ASTM3575D	0.5	5.7
COMPRESSIVE STRENGTH (@25% psi)	ASTM3575D	0.7	22.5
COMPRESSIVE STRENGTH (@50% psi)	ASTM3575D	1.2	49.5
COMPRESSIVE STRENGTH (@75% psi)	ASTM3575D	3.2	160.7

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.

