

PRODUCT INFORMATION

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

DATA

STANDARD

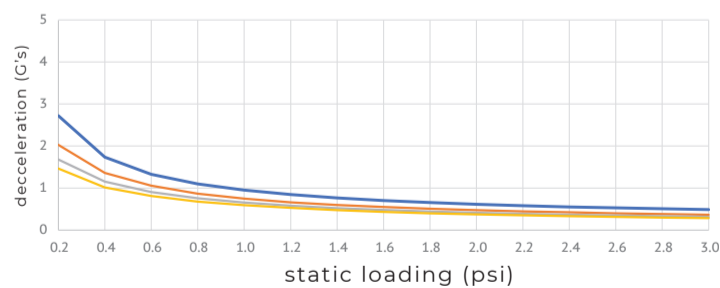
BASELINE FOAM

| | | |
|--------------------------------|-------------------------|---------------|
| DENSITY (Kg/m ³) | ASTM3575W | 85 |
| COMPRESSION (@10% kPa) | ASTM3575D | 5 |
| COMPRESSION (@25% kPa) | ASTM3575D | 8 |
| COMPRESSION (@50% kPa) | ASTM3575D | 13 |
| COMPRESSION (@75% kPa) | ASTM3575D | 40 |
| REBOUND (mm) | ASTMD2632 | 22 |
| ELECTRO-STATIC DECAY (sec) | MIL-STD-3010C M-4046 | Pass (0.013s) |
| R VALUE (R) | - | 1.69 |
| COMPOSTABILITY (P/F) | ASTMD6400 | Pass |
| COMPOSTABILITY (P/F) | ASTMD6868 | Pass |

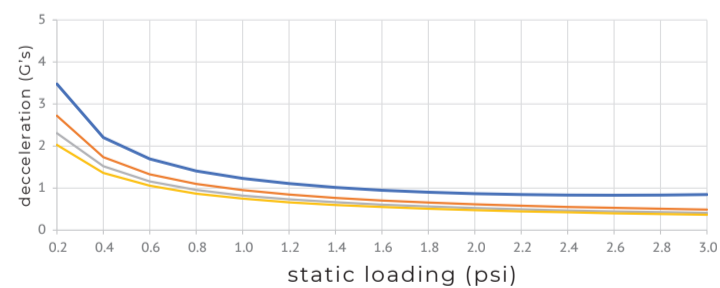
CUSHION CURVES

calculated from experimental data

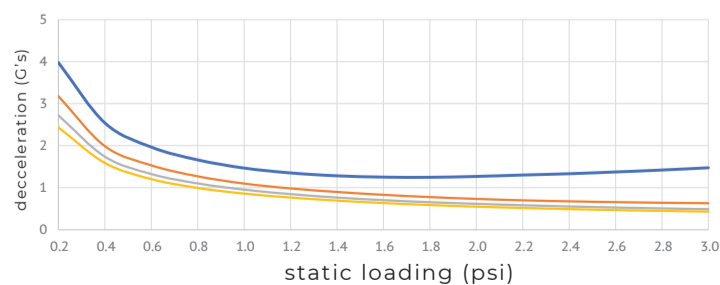
12" drop height



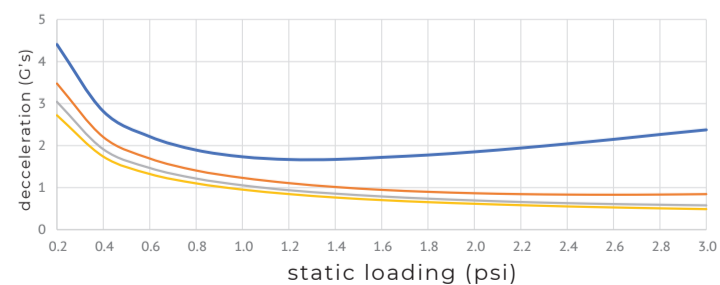
24" drop height



36" drop height



48" drop height



The data represented in this TDS 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 material sourcing developments.

