

Tabelle 1: Prüfprogramm nach ISTA 2A

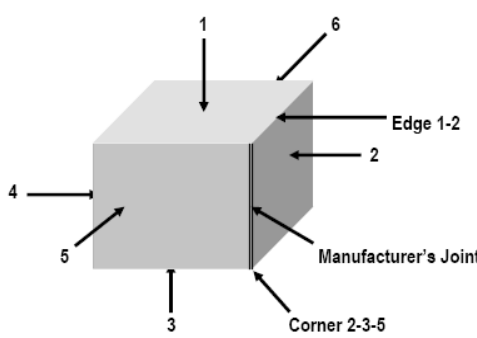
Test	Test parameters	Test load/ Test duration
Atmospheric Preconditioning	Storage under ambient laboratory conditions	24 h
Atmospheric Conditioning	Climatic conditions to be chosen from Table 2	72 h
Compression Test Machine Apply and Release	Test force to be calculated; Compression rate: 13 mm/min	Until test force value is reached.
Vibration Fixed Displacement	Double amplitude of displacement: 25.4 mm, test frequency: 4.5 Hz	53 min Face 3 on vibration table
Shock	 <p>Drop # Orientation</p> <p>1 face-3 corner, test 2-3-5</p> <p>2 shortest edge radiating from the corner tested</p> <p>3 next longest edge radiating from the corner tested</p> <p>4 longest edge radiating from the corner tested</p> <p>5 one of the smallest faces</p> <p>6 opposite small face</p> <p>7 one of the medium faces</p> <p>8 opposite medium face</p> <p>9 one of the largest faces</p> <p>10 opposite large face</p>	<p>1 drop per impact orientation</p> <p>Drop height depends on package weight</p>
Random Vibration	Random Vibration Spectrum, frequency range: 4 - 200 Hz, Overall Grms level: approx. 1.15 g,	Face: 30 min, Face 1: 10 min, Face 2 or 4: 10 min and Face 5 or 6: 10 min on vibration table



Table2: Atmospheric conditioning

Anticipated Conditions	Time in Hours	Temperature in °C ±2°C (°F ±4°F)	Humidity in %
Extreme Cold, Uncontrolled RH	72	-29°C (-20°F)	uncontrolled RH
Cold, Humid	72	5°C (40°F)	85% RH ±5%
Controlled Conditions	72	23°C (73°F)	50% RH ±5%
Hot, Humid	72	38°C (100°F)	85% RH ±5%
Hot, Humid then Extreme Heat, Moderate RH:	72 then 6	38°C (100°F) then 60°C (140°F)	85% RH ±5% then 30% RH ±5%
Elevated Temperature, Uncontrolled RH	72	50°C (120°F)	uncontrolled RH
Extreme Heat, Dry	72	60°C (140°F)	15% RH +/- 5%
Severe Cold, Uncontrolled RH	72	-18°C (0°F)	uncontrolled RH
User Defined High Limit	72	Based upon known conditions	Known conditions
User Defined Low Limit	72	Based upon known conditions	Known conditions
User Defined Cycle	72	Based upon known conditions	Known conditions