

TruCast Acrylic Quality Specification

Quality Variables	Specification (s)	Tolerance (s)	Methods of inspection and test applicable:	Action (s) applicable in case of non conformities.
Appearance -Surface defect -Internal defect	Smaller than 0.125" (3.2 mm) of diameter Smaller than 0.125" (3.2 mm) of diameter	One scratch in the surface of 0.393" to 1.57" / sq.mt Max. one defect per sq.mt of a single characteristic.	Visual Measure tool	Rejection of material
COLOR	Color vs. reference	The color change should not be notorious to the evaluator eyes.	Visual with daylight type D65	Rejection of material
THICKNESS	Ref. HH GP SPEC "Thickness specifications"	A quadrant in periphery maximum out of to 0.002" (0.5 mm). As per each sheet thickness tolerance Verification of at least 9 - 12 points	Ultrasonic thickness gauge.	Rejection of material
SURFACE QUALITY OF PROTECTION	Free of acrylic dust in the surface Protection with no scratches. All the surface of the sheet protected	- Dust not visible at simple sight. - Maximum one quadrant with light paper scratches. 100%	Visual	Rejection of material
SIZES	Dimensions of width, length: -0.0 mm , +3.0 mm and square ness maximum 6 mm.		Measure tool	-If size is bigger, adjustment at trimming Rejection of material
MASKING & PACKING	Surface quality of protection		Visual Measure tool	Adjustment of masking machine and re-mask or re-pack.