

BETACRYL - Quality Inspection Standards For Sheets

N.	Inspection Item	Content	Inspection tool	Frequency
1	Dimension	<ol style="list-style-type: none"> 1. Length and width tolerance not exceed $\pm 0.3\%$ 2. Thickness tolerance not exceed $\pm 3\%$ for 760cm width. (more than 760cm width $\pm 0.7\text{mm}$) 3. Squareness (right-angle /diagonal tolerance) $\leq 10\text{mm}$ 4. Thickness tolerance between two sheets $\leq 2\text{mm}$ 	<ol style="list-style-type: none"> 1. Tape measure 2. Vernier caliper 3. Tape measure 4. Vernier caliper 	Selective inspection 10%
2	Appearance (Color and pattern)	<ol style="list-style-type: none"> 1. No color difference between continuous number sheets in one batch slight color difference between difference batches 2. Distribution of chips / particulars in the sheets has to be even and clear 3. Quantity proportion of the biggest chips/particulars of 250 x 250mm size area on two sheets from one batch should be not exceed 80 : 100 	Visual, production sample	100%
3	Contamination (front side of solid colors sheets)	Whole sheets $\leq 5\text{pcs}$ diameter of contaminations $< 0.2\text{mm}$; If diameter $\geq 0.1\text{mm}$ and $\leq 0.2\text{mm}$ not exceed 3pcs and distance between each 2pcs should be more than 20cm	Visual	100%
4	Contamination (front side of sheets of colors with white or transparent chips)	Whole sheets $\leq 5\text{pcs}$, diameter $\leq 0.2\text{mm}$ and distance between each 2pcs should be more than 20cm	Visual	100%
5	Contamination (front side of sheets for colors with white or other colored powder)	No contamination bigger than the biggest chips in the sheet, whole sheet 5pcs and distance between each 2pcs should be more than 30cm	Visual	100%
6	Pinhole (all front side of solid color sheets)	No Pinholes	Visual	100%
7	Pinhole (all front side of sheets of colors with normal chips)	<ol style="list-style-type: none"> 1. No More than 10pcs pinholes diameter $\leq 0.1\text{mm}$ within space of 20cm in diameter 2. No more than 20pcs pinholes diameter $> 0.1\text{mm}$ and $\leq 0.3\text{mm}$ on one sheet 3. No more than 10pcs pinholes diameter $> 0.3\text{mm}$ and $\leq 0.5\text{mm}$ on one sheet 4. Pinholes diameter $> 0.5\text{mm}$ is unacceptable 	Visual	100%
8	Pinhole (all black side of sheets of all colors)	<ol style="list-style-type: none"> 1. No pinholes diameter $\geq 2.5\text{mm}$ 2. No more than 20pcs pinholes $1.9\text{mm} \leq \text{diameter} \leq 2.5\text{mm}$ 3. No more than 30pcs pinholes diameter $\leq 1.9\text{mm}$ within space of 30cms in diameter 	Visual	100%
9	Sunken Area (not flat)	No any sunken area on the sheet	Visual	100 %
10	Damage	No damage on all edges	Visual	100%
11	Warpage / Deformation	$\geq 1.5\text{mm/m}$	Gradienter	Selective inspection 10%
12	Crack	No crack on top surface and back surface	Visual	100%
13	Roughness (Front Side)	According to the standard sample from 400grid water sanding	Visual / Hand Touch	100%
14	Roughness (Back Side)	According to the standard sample from 120grid dry sanding	Visual / Hand Touch	100%
15	Backside	Flat Backside no leftover oxidation layer	Visual	100%
16	Package	<ol style="list-style-type: none"> 1. Sheets are clean and without water spots 2. Film on the sheet is flat, not damage 3. Printing on side and back is clear and in order, printing is right 4. Edges are clean, trimming with no leftover oxidation layer. 5. No damage on all edges 	Visual	100%

BETACRYL - Quality Inspection Standards For Basin

Inspection Item	Content
Color Contamination	<ol style="list-style-type: none"> 1. According to reference 'Classic White' 2. Max 2 Wrong color spot per sink surface allowed of 0.5-1.0mm² 3. Max 6 wrong color spots per sink surface allowed of 0.1 -0.4 mm² 4. All the wrong color must not be in one place
Back side finish and appearance	<ol style="list-style-type: none"> 9. Clean 10. No crack on the back side 11. No hole >3mm² allowed
Length / width edge	<ol style="list-style-type: none"> 20. No holes or broken off parts allowed 21. R*1mm applied on the all edge to prevent hurting while touching and prevent damage

Inspection Item	Content
Surface finish and appearance	<ol style="list-style-type: none"> 5. All surfaces have to be polished evenly Matt. No unpolished corners allowed 6. No scratches on the surface allowed 7. No dotted with tiny holes on the surface areas allowed 8. No damages on the surface and all side are allowed
Dimension Tolerance	<ol style="list-style-type: none"> 12. Length +2mm -0mm 13. Width +2mm -0mm 14. Draining Hole +/- 1mm 15. Surface flatness: maximum allowed bending 2mm for length more than 1000mm. 16. Approximately allowed bending 1mm for length less than 800. 17. Edge straightness: Front side maximum 2mm inward or outward. Back side +/- 0mm 18. The thickness +/- 1mm 19. The overall height of the basin. +/- 2mm
Package	<ol style="list-style-type: none"> 22. Carton and foam export standard clean and safe for the container shipment 23. Shipping mark and barcode label: content and printing should be correct and clear