

Glossiness and roughness comparison

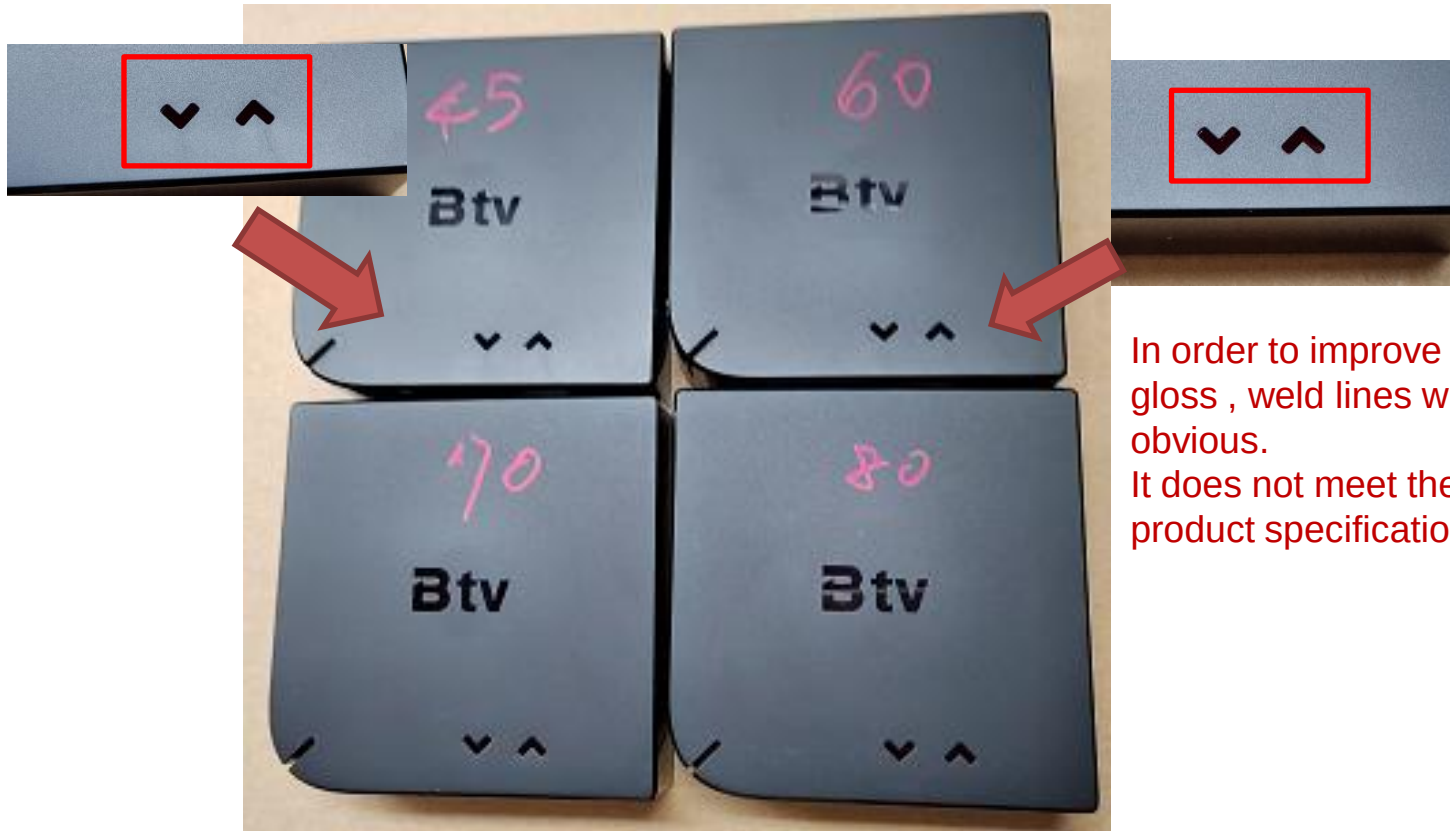
Samples	Glossiness	Picture	Roughness	Picture	Mark
PC golden sample	3.5		1.305		PC golden sample
ABS T4 sample	3.1		0.88		There are obvious weld lines on T4 samples. Does not meet the product specification.
ABS T7 sample	2.1		0.909		The roughness of T7 samples is thinner than PC sample's. Gas mark is difficult to adjust and it is unstable.
★ ABS T8 sample	2.4		1.309		The roughness of T8 samples is similar to PC golden sample. The glossiness of T8 sample is similar to T7 limit sample. So We think T8 sample is more suitable for mass production.



This is Mar's MP version.

Influence of mold temperature on glossiness

Mold temperature	Glossiness	Comments
45°	3.1	There are obvious weld lines on top surface. Does not meet the product specification.
60°	2.7	There are obvious weld lines on top surface. Does not meet the product specification.
70°	2.6	There is no weld line on top surface when the mold temperature is 70~80 degree. And the gas mark is better.
80°	2.4	So We think the condition is more suitable for mass production.



In order to improve the gloss, weld lines will be obvious.
It does not meet the product specification.



T8 final sample picture-Cav.1



New Issue.

After checked with Fii's product Spec., this length and width is acceptable.

T8 final sample picture-Cav.2



New Issue.

After checked with Fii's product Spec., this length and width is acceptable.