

EGOLF RECOMMENDATION 014-2019

Subject of Agreement (max. 65 characters)	Protection of the SBI trolley
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Problem

When testing products that contain meltable thermoplast in the SBI apparatus, the molten material flows into the joints in the trolley floor and through the steel mounting rails below the sample through which it can flow away from the test site. This represents an efflux of inflammable material and also – as the molten material is usually already quite hot – of energy away from the test site. It should therefore be prevented as it would yield an illegitimate advantage to such materials. Also, the trolley usually gets polluted by these molten plastics. Not only is cleaning the SBI trolley tedious, sometimes it is very difficult if not impossible to remove all remains of a test from the trolley. This is especially the case in the area behind the steel U-profiles, where the CaSi plates on the bottom of the trolley have been interrupted by the steel mounting rails.

Recommendation

EGOLF agrees that, to reduce the risk of residual test material in the trolley, the steel mounting rails on the bottom can be removed, together with the top layer of CaSi. The bottom of the trolley shall then be covered with an uninterrupted (save for one joint as depicted in the figure) CaSi-plate with the same thickness (20 mm) as the removed parts, or with two CaSi-plates with the same thickness as the removed parts. If required e.g. steel angles as usually used for clamping the test specimen can be screwed onto the calcium silicate sheets on the bottom of the trolley in order to keep the test specimen in place.

