

Razvoj,

Metlika, 12.04.2017

## TEST REPORT ON THERMOFORMING KERROCK SHEETS (STANDARD, THERMO AND ES) INTO DIFFERENT RADII

Materials and method:

The kerrock samples 108, 108 thermo and 112 ES, size 12x50x200 mm, were thermoformed in the lab. They had been heated previously to 170°C for 20 minutes and then curved in a wooden mould under an angle of 135 degrees and with different radii.

Results are shown in the below table:

Radius	108	108 THERMO	112 ES
R20	OK	OK	OK
R15	OK	OK	OK
R10	OK	OK	OK- easier moulding
R5	OK	OK	OK- easier moulding
R2	Broken on the curve radius	OK	OK- easier moulding
R0 - 180° curving angle	Broken on the curve	Broken on the curve	OK

Findings:

- The thermoforming qualities of the ES sheets are significantly better than those of standard and thermo sheets. This can be observed in smaller radii.

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