

NOVELIS

Anodising quality J57S<sup>®</sup>

**J57S<sup>®</sup>** Bending trials

INVESTIGATION OF THE BENDING BEHAVIOUR OF J57S IN COMPARISON TO DIN AW 5005A H24 (NQ)

DIN EN AW 5005A  
(AlMg1-C)  
Thickness  
3 mm



R=0 (0\*t)



R=1.2 (0.4\*t)

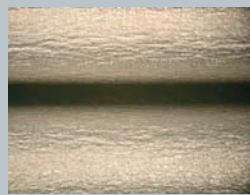


R=1.5 (0.5\*t)

J57S  
Thickness  
3 mm



R=0 (0\*t)



R=1.0 (0.5\*t)



R=1.2 (0.6\*t)

DIN EN AW 5005A  
(AlMg1-C)  
Thickness  
2 mm



R=0 (0\*t)



R=1.2 (0.4\*t)



R=1.5 (0.5\*t)

J57S  
Thickness  
2 mm



R=0 (0\*t)



R=1.0 (0.5\*t)



R=1.2 (0.6\*t)

Due to its fine grain structure, J57S is much easier to deform compared to the commercial quality.

Novelis Deutschland GmbH

Werk Nachterstedt  
OT Nachterstedt  
Gaterslebener Strasse 1  
D-06469 Stadt Seeland  
tel +49 3 47 41 77-0  
fax +49 3 47 41 77-1259  
www.novelis.com