

Results for the "VIA Helmet": Lady Bird. Marie hønen.

EN 1078,

Section 4.2, Construction; "The helmet shall be so designed and shaped that parts of it are not likely to injure the user in normal use."

SP comment: The design with the tentacles of the Ladybird are not appropriate to have on the helmet.

Section 4.4, Shock absorbing capacity; "...the peak acceleration shall not exceed 250 g..."

Tested on headform H50.

Result, NOK for the test on the crown (top) of the helmet onto the Flat anvil (358 g) and for impact of the rear part of the helmet onto the Kerbstone anvil the result was OK, 182 g.

Section 4.6.5, Retention system, Strength; "...the dynamic extension of the retention system shall not exceed 35 mm and the residual extension shall not exceed 25 mm."

Result, OK. Dynamic extension, 24 mm and residual extension, 10 mm.

Section 4.6.6, Effectiveness; "...the helmet shall not come off the headform."

Tested on headform H50.

Result, OK.

Section 4.6.7, Ease of release; "... it shall be possible to open the release system with one hand."  
(after the Strength test)

Result, OK.

Mikael Videby

SP Sveriges Tekniska Forskningsinstitut

SP Technical Research Institute of Sweden

Bygg och Mekanik / Building Technology and Mechanics

Box 857, SE-501 15 Borås, Sweden

Tel: +46 (0)10 516 50 00, (direct) +46 (0)10 516 50 36

Telefax: +46 (0)33 10 20 15

E-post: <mailto:mikael.videby@sp.se>

Internet: [www.sp.se](http://www.sp.se)