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Subject: Re: New passivation epoxy?

Posted by [Clemens Adler](#) on Wed, 05 Oct 2005 13:34:38 GMT

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Hello,

I got a sample of AY103/HY991 from the HE group here at Heidelberg and was just playing around a bit with it. I would say in terms of viscosity the glue is fine. I would actually even prefer it to the AW 106. The glue flows, but it has enough surface tension that it stays e.g. on a ledge without flowing down. So I think it would also be fine for gluing anode wires.

The HE group in fact fills the glue with some silica so that it becomes more thixotrope. So this might be a possibility in case the viscosity turns out to be a problem, but I think it would be OK as it is.

From the datasheet I learned that the shear strength is 30% lower than for AW106, but this might also not hurt us. And the curing time is a bit longer, but below 24h, so I would also say that this is acceptable. So let's see what some more tests show...

cheers,

Clemens

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