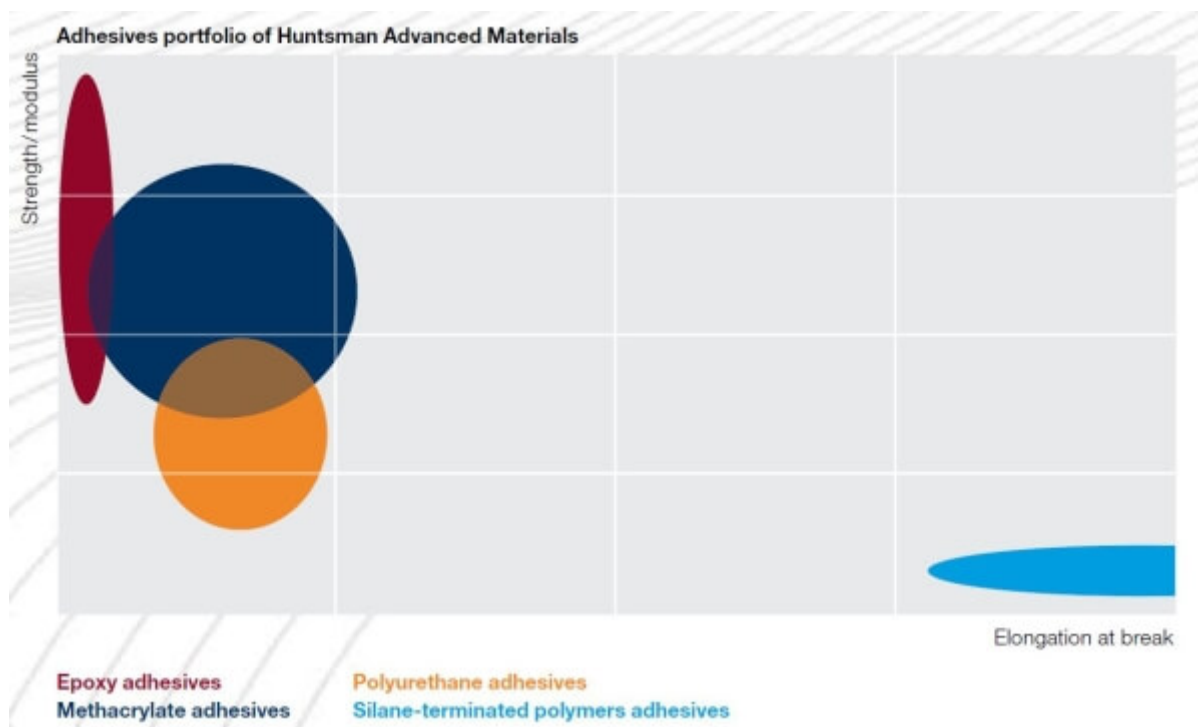


Structural adhesives - physical properties of chemical types



I was struck by this graphic from **Huntsman Advanced Materials**, manufacturers of the iconic [Araldite](#) range of [structural adhesives](#). Choosing the optimal product to evaluate for your application can involve thinking about many factors, including environmental resistance, substrates to be bonded, cure speed, etc. This chart clearly illustrates how the physical properties of *strength* and *modulus* vary against *elongation* for four main adhesive chemistries – **epoxies, polyurethanes, methacrylates** and **silane-modified polymers (SMP)**. It's a picture worth keeping in mind when looking at product data sheets.

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