

# Technical data sheet

## Technisches Datenblatt

### AZ 520 D

Protective Coating

#### Description:

AZ 520 D is a cost-effective coating for the protection of device surfaces during operations such as back-lap or backside etch. It is based on Novolak resin, has a blue colour for easy inspection and is resistant to most etchants.

	Units	AZ 520 D
<b>Solids Content</b>	%	28.5
<b>Viscosity @ 25°C</b>	cSt	50
<b>Water Content</b>	%	max. 0.50
<b>Main Solvent</b>		2-methoxy-1-methyl ethyl acetate (PGMEA)
<b>Coating characteristics</b>		Striation-free
<b>Filtration</b>	µm	0.2
<b>Colour</b>		blue
<b>Bake Temperature</b>	°C	90 - 200

#### Coating Thickness [µm]at usual Spin Speeds:

Spin Speed [rpm]	3000	4000	5000	6000
<b>AZ 520 D Protective Coating</b>	2.31	2.0	1.79	1.63

#### HANDLING ADVISES

Consult the Material Safety Data Sheets provided by us or your local agent! This product is made up with our patented safer solvent PGMEA. It is a flammable liquid and should be kept away from oxidants, sparks and open flames. Protect from and heat and store in sealed original containers between 0°C and 25°C. The expiration date is printed on the label of every bottle. AZ Protective Coating is compatible with most commercially available wafer processing equipment. Recommended materials include PTFE, stainless steel and high-density poly-ethylene and -propylene.

**We advise our customers regarding technical applications to the best of our knowledge within the scope of the possibilities open to us, but without obligation. Current laws and regulations must be observed at all times. This also applies in respect of any protected rights of third parties. Our suggestions do not relieve our customers of the necessity to test our products, on their own responsibility, for suitability for the purpose envisaged. Quotations from our literature are only permitted with our written authority, and the source must be stated.**

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