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**AZ PC 520 D**  
**AZ PC 546 D**

Protective Coating

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# AZ® PC 520 D an 546 D Protective Coating

## Description:

AZ® PC 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	AZ 546 D
<b>Solids Content</b>	%	28.5	36,5
<b>Viscosity @ 25°C</b>	cSt	50	225
<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	1.2
<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
<b>AZ 546 D Protective Coating</b>	5.31	4.6	4.12	3.75

## Handlind 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 below the batch number and coded as [day/month/year].

AZ Protective Coatings are compatible with most commercially available wafer processing equipment. Recommended materials include PTFE, stainless steel and high-density poly-ethylene and -propylene.



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