

UV RESINS AND UV GLUES

UV RESINS					
	ABchimie 225UV	ABchimie 400UV	ABchimie 15K-UV	ABchimie 42K UV	ABchimie 6025UV T
Nature	Polyester Acrylate	Acrylate	Polyester acrylate	Urethane acrylate	Urethane acrylate
Colour	Colorless	Transparent	Colorless	Transparent	Colorless
Thickness	0 – 5mm	0 - 500µm	0 -5mm	0 – 5mm	0 – 3mm
Viscosity (cSt, à 20°C)	16 000	4 000	15 000	42 000	Thixotrope
Hardness (Shore)	D40	/	D60	D30	A60
Humidity resistance	Yes	Yes	Yes	Yes	Yes
Stripper	DVP	/	/	DVP	DVP
UV curing	UV (Hg) Also with LED (395nm)	UV (Hg) Also with LED (395nm)	UV (Hg)	UV (Hg) Also with LED (395nm)	UV (Hg) Also with LED (395nm)
LED compatibility	Yes	No test	Yes	No test	No test
UV resistance	No	No	Yes	Yes	No
Packaging	Syringe 30ml 1 kg 5 kg	Syringe 30ml 1 kg 5 kg	Syringe 30ml 1 kg 5 kg	Syringe 30ml 1 kg 5 kg	Syringe 30ml 1 kg 5 kg

UV GLUES				
	ABchimie 9725 UV	ABchimie 9111 UV	ABchimie 9425 UV	ABchimie 9005UV
Nature	Urethane acrylate	Urethane acrylate	Urethane/Polyester acrylate	Urethane acrylate
Colour	Colorless	Transparent	Colorless	Colorless
Viscosity (cSt à 20°C)	64 000	30 000	40 000	72 000
Hardness Shore	25-30	45 – 50	55-60	20-25
UV curing	UV (Hg) Also with LED (395nm)	UV (Hg) Also with LED (395nm)	UV (Hg) Also with LED (395nm)	UV (Hg) Also with LED (395nm)
UV resistance	Yes	Yes	No	Yes
	Tensile strength (Mpa)			
Glass/Glass	2	2	2	3
Glass/Alu	2	3	3	3
Glass/PC	0.1	1	2	1
Glass/PMMA	1	3	2	2
Glass/ABS	1	1	1	2
Glass/PVC	2	1	1	1
PC/PC	-	0.4	1	-
PC/Alu	0.1	1	2	1
PC/ABS	-	1	3	2
PC/PA 6.6	-	1	1	-
PMMA/PMMA	1	1	1	1
PMMA/Alu	1	3	1	2
Packaging	Syringe 30ml 1 kg 5 kg	Syringe 30ml 1 kg 5 kg	Syringe 30ml 1 kg 5 kg	Syringe 30ml 1 kg 5 kg

All the information contained in this document are honestly given but without guarantee. Every application being different, it is strongly advised to make preliminary tests. The specifications concerning the properties are given as a rough guide and not as being specific.