

**TABLE 1.1** Overview of BG/Chitosan Coatings via EPD

Type of BG	Amount of BG	Size of BG	Polymer	Addition	Suspension Solvent	EPD Parameter	Substrate Material	Coating Thickness	Source
45S5	1.5 g/L	10 μm	0.5 g/L CS	–	80/20 EtOH/DI, 1% AA	25V, 7 min	CP-Ti		Borjas et al. (2015)
45S5	1 g/L	2 μm	0.5 g/L CS	–	79/20/1 EtOH/DI/AA	30–50V, 1–2 min	Mg alloy	~2 μm	Heise et al. (2017)
64SiO <sub>2</sub> -26CaO-5MgO-5P <sub>2</sub> O <sub>5</sub> (mol%)	2 g/L	<1 μm	0.5 g/L CS	–	30 vol% DI in EtOH	15V, cm-2	SS	7 μm	Mehdipour and Afshar (2012)
45S5	1.6 g/L 1 g/L	2 μm 20–80 nm	0.5 g/L CS	–	DI + 1 vol% AA 75 vol% EtOH in DI + 1 vol% AA	40 Vpp, 4 min, 2 kHz	SS, TiAl <sub>4</sub> V <sub>6</sub> scaffold	~3.5 μm	Seuss et al. (2014)
45S5	1 g/L	<37 μm	0.5 g/L CS	HA	1% AA, 70% EtOH, DI	20, 30V, 15 min	Ti, SS		Molaei et al. (2015)
45S5	0–2 g/L	<5 μm	0.5 g/L CS/0.5–2 g/L Alg	HA	1% AA, aqueous solution	10–30V	SS foil/ Pt foil/ Ti wire/ platinized Si wafer		Zhitomirsky et al. (2009)
45S5	2 wt%	6 μm	0.016 vol% CS	TiO <sub>2</sub>	DI	0.5–2.5V, 0–600 s	SS	~11 μm	Clavijo et al. (2016)

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