

Metal and Plastics Technologies Materials/Consumables Charging Rate

(for quick reference only, 3D model and target materials are required for detailed cost estimation)

Latest update: 3 Sep 2021

Facilities	Items			Unit Price (HKD)	Remark
Vertical Injection Moulding	A	Injection Material (selective)	PE (/half day moulding service)	1000.0	Charge of half day injection moulding service, material included
			ABS (/half day moulding service)	1000.0	
Spin Casting	A	Casting Material (selective)	Pewter Alloy (/g)	0.5	Total charge = (A x material usage) + (B x mould number)
			Zinc Alloy (/g)	3.1	
	B	Mould size (selective)	White Silicone mould rubber 9" - Thin (/mould)	157	
			White Silicone mould rubber 9" - Thick (/mould)	315	
			White Silicone mould rubber 12" - Thin (/mould)	207	
White Silicone mould rubber 12" - Thick (/mould)	413				
High Temperature Vacuum Casting	A	Investment Casting	Casting service including shell making (/ casting)	1500.0	Material not included
Vacuum Casting	A	Casting Material (selective)	Vacuum Grade PU (/g)	1.4	Total charge = (A x material usage) + (B x material usage)
			Epoxy Resin (/g)	3.4	
	B	Mould Material	Silicone Rubber RTV-3040 with catalyst (/g)	2.1	