

Comprehensive Analysis of Artistic Mediums and Materials																													
Medium	Material Properties															Artistic Applications													
	Weight	Strength	Flexibility	Durability	Texture	Color	Transparency	Conductivity	Thermal Stability	Chemical Resistance	Biocompatibility	Acoustic Properties	Optical Properties	Mechanical Properties	Environmental Resistance	Traditional Use	Modern Use	Contemporary Use	Experimental Use	Architectural Use	Industrial Use	Medical Use	Scientific Use	Artistic Use	Decorative Use	Functional Use	Historical Use	Future Use	
Albumen photograph	46	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	3
Bronze	0	47	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
Ceramic	0	4	36	0	0	0	0	0	0	0	0	0	1	4	0	0	0	0	0	2	0	0	0	2	0	0	0	0	1
Clay	0	2	2	37	0	1	0	2	0	0	0	0	1	1	1	0	1	0	0	0	0	0	2	0	0	0	0	0	0
Engraving	0	0	0	0	26	15	0	0	0	0	0	0	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Etching	0	0	0	0	9	31	0	0	0	0	0	0	0	0	7	0	0	1	0	0	0	0	0	0	0	1	1	0	0
Faience	0	2	1	0	0	0	36	5	0	0	0	0	1	1	0	0	0	0	0	3	0	0	0	1	0	0	0	0	0
Glass	0	10	0	0	0	0	3	32	0	0	0	0	0	0	0	0	0	0	0	2	0	3	0	0	0	0	0	0	0
Gold	0	1	0	1	0	0	0	4	35	0	0	0	0	2	0	0	1	0	0	0	3	0	1	1	1	0	0	0	0
Graphite	1	0	0	0	0	0	0	0	0	37	0	0	0	0	4	0	0	6	0	0	0	0	1	0	1	0	0	0	0
Hand-colored engraving	0	1	0	0	0	0	0	0	0	0	40	0	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hand-colored etching	0	0	0	0	0	0	0	0	0	0	0	48	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0
Iron	0	7	0	0	0	0	0	0	0	0	0	0	40	1	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0
Ivory	1	3	1	0	0	0	0	1	0	0	0	0	2	35	1	0	0	0	0	0	1	1	1	0	2	0	0	0	1
Limestone	0	2	1	2	0	0	2	1	0	0	0	0	2	2	26	0	7	0	0	0	0	2	0	2	0	0	0	0	1
Lithograph	0	1	0	0	3	6	0	0	0	0	0	1	0	0	0	37	0	0	0	0	0	1	0	0	0	1	0	0	0
Marble	0	1	1	0	0	0	0	0	0	0	0	0	1	4	10	0	28	0	0	1	0	0	1	3	0	0	0	0	0
Oil on canvas	0	1	0	0	0	0	0	0	0	0	0	0	0	2	0	1	0	33	0	11	0	1	0	0	1	0	0	0	0
Pen and brown ink	1	0	0	0	2	4	0	0	0	4	0	0	0	0	0	0	0	0	39	0	0	0	0	0	0	0	0	0	0
Polychromed wood	0	1	4	0	0	0	0	0	0	0	0	0	0	2	0	0	0	6	0	34	1	0	0	0	2	0	0	0	0
Porcelain	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	46	0	0	0	0	0	0	0	0	2
Silk and metal thread	1	0	1	1	0	0	1	2	0	0	0	1	0	0	1	0	0	0	0	0	35	0	0	0	0	0	0	0	6
Silver	0	5	0	2	0	1	1	1	1	0	0	0	3	1	0	0	0	1	0	0	0	0	34	0	0	0	0	0	0
Steel	0	2	1	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	3	42	0	0	0	0	0	0
Wood	0	4	5	0	0	0	0	0	0	0	0	0	3	6	0	0	0	0	0	3	2	0	1	1	23	0	0	1	1
Wood engraving	0	0	0	0	4	6	0	0	0	0	0	0	0	0	0	7	0	0	0	0	0	0	0	0	0	30	0	3	0
Woodblock	1	1	0	0	1	0	0	0	0	0	0	0	0	0	0	2	0	0	0	1	1	1	0	0	0	0	41	1	0
Woodcut	1	0	0	0	3	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	43	0
Woven fabric	1	1	0	0	0	0	0	3	0	0	0	0	0	5	2	1	0	0	0	0	2	11	0	0	0	0	2	0	22
Albumen photograph	Bronze	Ceramic	Clay	Engraving	Etching	Faience	Glass	Gold	Graphite	Hand-colored engraving	Hand-colored etching	Iron	Ivory	Limestone	Lithograph	Marble	Oil on canvas	Pen and brown ink	Polychromed wood	Porcelain	Silk and metal thread	Silver	Steel	Wood	Wood engraving	Woodblock	Woodcut	Woven fabric	