



# BOYI Vacuum Casting Materials Performance Table

NO.	Product Name	Category	Origin	Color	Operation Time	Mixing Ratio	Curing Time	Hardness	Deformation Temp	Shrinkage Rate	Packaging	Features
1	8150	ABS-like	Japan	Black/White	5 minutes	100:200	60-90 minutes	85D	100°C	0.3%	3KG/set	ABS-like, good physical properties, fast curing speed
				Beige								High dimensional accuracy
2	8158	ABS-like	Japan	Black/White/Beige	5-8 minutes	100 : 200	60-90 minutes	84D	100°C	0.3%	15KG/set	High cost-performance, precise dimensions, available with fast and slow operation times
3	8150 + Fiberglass Powder	POM-like	Japan	Black/White/Beige	5 minutes	100 : 200	60-90 minutes	84D	85-100°C		3KG/set	Closest to POM, high hardness, high elastic modulus
4	5210	PMMA-like Acrylic	France	Transparent	8 minutes	100 : 150	90-120 minutes	83D	105°C	0.3%	5KG/2 sets	High transparency, easy to polish, heat resistant, dedicated material for car lights
5	1940	PC-like	Japan	Transparent	5 minutes	100 : 150	60-90 minutes	82D	75°C		5KG/2 sets	High transparency, resistant to yellowing, easy to operate

6	5690	PP-like	France	Black/White	5 minutes	100 : 200	60-90 minutes	83-75D	75°C	0.3%	3KG/set	Easy to operate, adjustable hardness
7	8550	PP-like	Japan	Black/White	5 minutes	100 : 200	60-90 minutes	76D	80°C		3KG/set	Good heat resistance, low-temperature tested at -40°C, hardness adjustable with 8400C
8	2910	Nylon-like	Japan	Black/White	5 minutes	100 : 250	60-90 minutes	85D	135°C	0.3%	7KG/2 sets	Good heat resistance, high strength, good flowability
9	8260	Flame-retardant ABS	Japan	Black/White	4 minutes	100 : 200	60 minutes	83D	80°C		5KG/2 sets	Fireproof material 94V-0
10	8263	Flame-retardant ABS	Japan	Black/White	5 minutes	100 : 150	60-90 minutes	83D	80°C	0.3%	5KG/2 sets	Fireproof material 94V-0
11	8400	Rubber-like	Japan	Black/White	5-6 minutes	100:100:100	60-80 minutes	30-90A	No heat resistance test		3KG/set	Low viscosity, excellent flowability, fast curing
												Good elasticity, hardness adjustable with C agent
12	T0387	Elastic Rubber	Japan	Transparent	5-30 minutes	100 : 100 : 100	60-120 minutes	30-90A	No heat resistance test	0.4% - 0.6%	3KG/set	Three-component type, good transparency, adjustable softness/hardness