



TS PROTOTYPES CO.,Ltd

Common Vacuum Casting materials and characteristics;

Material	Colour	Characteristics
baked porcelain	transparent	Similar to PMMA, crisp, non-resistant to high temperature, prone to discolouration
PX-100	ivory white	Similar to ABS, general toughness, temperature resistance up to 70
PX-100	Black	imilar to ABS, general toughness, temperature resistance up to 70°C
PX-210	Transparent	Similar to PC, good toughness and shape retention
PX-215	ivory white	Similar to ABS, general toughness, temperature resistance up to 70°C
PX-226	white	Shock resistant, good shape retention, high temperature resistance
PX-521	transparent	Similar to PC & PMMA, malleable, hard, temperature resistance up to 110°C
PX-522	transparent	Similar to PC & PMMA, malleable, hard, temperature resistance up to 110°C
UP4280	beige	Similar to ABS, good toughness, low Shrinkage, temperature resistance up to 90°C
UP5672	white	Similar to PP, high shock resistance, low shrinkage, long lifespan
UP5673	white	Similar to PP ,shock resistance, low shrinkage, long operable time
UP6160	white	High temperature resistance, easy to be painted, high accuracy of duplication long operable time
8260	white	Similar to ABS, general malleability, hard burn, flame retardant grade VO
8901	beige/black/transparent	Similar to ABS, general malleability and, good toughness, hard, temperature resistance up to 135°C
8400	white fraction/black	Similar to EPDM rubber, toning duplication, can be spray painted
UP8012	yellow	Similar to ABS, crisp, low toughness
UP8014	ivory white	Very similar to ABS, characteristics better than PU8012
UP8150	rice yellow	Similar to ABS, good toughness, temperature resistance up to 100°C
DP1041	transparent rubbe	Easily discolours, easy operable, good malleability

DP1700	black rubber	Similar to ABS, good shape retention, good malleability, good toughness, hard, temperature resistance up to 135°C
DP1090	transparent rubber	Similar to ABS, good shape retention, good toughness, malleable, high transparency
DP1410	white rubber	Similar to PE/PP, good shape retention, malleable, good toughness
DP1035	transparent rubber	Low discolouration, easy operable, good toughness
DP1430	white rubber	Similar to ABS, malleable, good toughness, hard
silica gel	T-4 -3040	Transparent, low shrinkage, durability coefficient up to 18 times, oily
silica gel	8678	Transparent, low shrinkage, good elasticity, durability coefficient up to 15 times, quick drying, directed towards transparent parts
silica gel	803	Ivory white, high shrinkage, durable, coefficient up to 12 times
silica gel	300#	Transparent, low shrinkage, durable, coefficient up to 15 times