



UV Resin

Photocentric UV Resin Overview

Photocentric UV Resins	Colour	Ultimate Tensile Strength (MPa)	Elongation at Break (%)	Tensile Modulus (MPa)	Shore Hardness	Flexural Strength (MPa)	Flexural Modulus (MPa)	Impact Properties Notched Izod (J/m)	Impact Properties Notched Izod (kJ/m ²)	Tear Strength (kN/m)	Rebound Resilience (%)	Heat Deflection (°C) at 0.45 MPa	Biocompatibility Cytotoxicity ISO 10993-5	Skin Irritation & Sensitization ISO 10993-10	Comparable Thermoplastic	Water Absorption, Short Term (24 hours) (%)	Viscosity (cPs)	Density (g/cm ³)	Compatible with Liquid Crystal Opus	TDS	
Rigid	UV Dental Model	Beige, Grey & White	70	4	2800	90D	-*	-*	-*	3.9	-*	-*	-*	-*	PA12	-*	250	1.10	Yes	View TDS	
	UV Crystal Clear	Clear	65	6	2800	90D	-*	-*	-*	4.4	-*	-*	-*	-*	PA12	-*	980	1.09	No	View TDS	
	UV Poliglass	Clear	40	4	2100	85D	-*	-*	-*	-*	-*	60	-*	-*	PMMA	-*	150	1.09	No	View TDS	
	UV High Tensile	Grey	65	6	1910	80D	-*	-*	-*	8.1	-*	63	-*	-*	PA12	-*	510	1.16	Yes	View TDS	
	UV LCD Hard	Black	35	<1.5	2000	77D	-*	-*	-*	-*	-*	-*	-*	-*	-*	-*	-*	230	1.19	No	View TDS
	UV DLP Hard	Black, Grey, White	35	4	2060	77D	-*	-*	-*	-*	-*	-*	60	-*	-*	PMMA	-*	230	1.19	Yes	View TDS
	Rigid UV240 Plant-Based	Dark Amber	54	5.4	2080	84D	108	2656	12.2	2.2	-*	-*	78.4	-*	-*	-*	0.47	580	1.10	Yes	View TDS
	UV DLP Firm	Grey	26	10	700	65D	-*	-*	-*	-*	-*	-*	52	-*	-*	-*	-*	560	1.18	No	View TDS
Durable	Durable UV80	Black	46	13	1940	84D	-*	-*	-*	8.1	-*	-*	65	-*	-*	ABS	-*	400	1.10	Yes	View TDS
	Durable UV80TR	Translucent	77.2	16	2127	85-90D	89.6	2277	67.4	-*	-*	-*	76	-*	-*	ABS, PP	0.79	400	1.10	Yes	View TDS
Flexible	Flexible UV160TR	Translucent	66.5	160	66.5	86A	-*	-*	-*	-*	54	30	-*	-*	-*	TPU	1.74	470	1.10	Yes	View TDS
Prusa	Tough	Deep Blue Transparent & Vibrant Orange	55	5	2100	85D	-*	-*	-*	-*	-*	-*	-*	-*	-*	<0.2	150	1.13	No	View TDS	

*Contact Photocentric for more information For a full compatibility guide please refer to our website here.