



			ACCURA RANGE						
Measurement	Test Method	Unit	ClearVue Free (SL 7870)		25		Xtreme		
			STANDARD	+ THERMAL POST CURE	STANDARD	+ THERMAL POST CURE	STANDARD	+ THERMAL POST CURE	
Key benefits & Notes			<ul style="list-style-type: none"> ✓ ABS like rigidity ✓ Excellent water resistance ✓ Excellent optical clarity* ✓ Excellent for Quickcast™ ✓ Multi-functional material 		<ul style="list-style-type: none"> ✓ ABS like rigidity ✓ Polypropylene simulant ✓ Multi-functional material 		<ul style="list-style-type: none"> ✓ ABS like rigidity ✓ Excellent durability ✓ Multi-functional material 		
Colour			Clear		White		Grey		
Hardness, Shore D	ASTM D 2240		86		80		86		
Flexural modulus	ASTM D 790	MPa	1940 - 2250		1380 - 1660		1520 - 2070		
Flexural strength	ASTM D 790	MPa	73 - 76		55 - 58		52 - 71		
Tensile modulus	ASTM D 638	MPa	1940 - 2250		1590 - 1660		1790 - 1980		
Tensile strength	ASTM D 638	MPa	38-42		38		38 - 44		
Elongation at break	ASTM D 638	%	10.0 - 22.0		13 - 20		14 - 22		
Impact strength notched Izod	ASTM D 256	J/m	23 - 51		19 - 24		35 - 52		
Heat deflection temperature	ASTM D 648	@ 66 PSI	°C	48		58 - 63		62	
		@ 264 PSI	°C	41		51 - 55		54	
Glass transition, Tg	DMA, E" peak	°C	56		72 - 74		70 - 74		
Coefficient of thermal expansion	TMA (T<Tg)	µm/m-°C	97 (30-50°C)		107 (0-20°C)				
Thermal conductivity		W/m °K							
Density		g/cm ³	1.15		1.19		1.19		

*+ Resins may be withdrawn without notice. Humidity and temperature will affect material properties; therefore all figures are approximate.

* Transparent, 'optical clarity' is only achieved with hand finishing and paint application, please contact an ARRK representative for more information.

\$ Intensity of 'tint' is dependent on section thickness, please contact an ARRK representative for more information.

N.B. Not all materials available across all sites

