



Liquid Plastic Comparison Sheet

Resin	Viscosity	Cure Colour	Pot Life	Demould	Hardness	Chacteristics / Applications
Easyflo 60	60	White	2 - 2.5 min	15 - 30 min	D 65	Easyflo 60 is the most well know and popular of the liquid plastics. It pours like water so making bubble free parts is easy and fast (2min working time , 10min demould time)
Easyflo 95	95	Off White	5 min	25 - 60 min	D 65	Easyflo 95 is useful when longer working time (5min) is required to complete a pour. For thin parts and small castings mould and resin preheating to 20°C may be required to ensure curing.
Easyflo 120	120	White	2 - 2.5 min	15 - 30 min	D 65	Easyflo 120 is best for rotocasting or slush casting to create hollow parts. This is a tough plastic, hollow parts are nearly unbreakable.
<i>When pigmenting the Easyflo 60, 95 & 120 the final cure colour (White / Off White) has a considerable impact on the final cast colour. If adding a black pigment it will cure a dark grey etc. While adding slightly more pigment will strengthen the colour exceeding pigment ratios can effect cure.</i>						
Easyflo Clear	110	Amber	2 - 2.5 min	15 - 30 min	D 72	Easyflo Clear cures to a pale amber colour and is often used with Polycolors to make transparent or coloured castings. Also excellent for use with visual fillers such as metallic powders. Note this resin does not cure water clear.
Easyflo Plastiflex	3000	Tan	3 min	20 min	A 90	Use Plastiflex to produce slight flexible parts such as decorative trim moulding, props or impact resistance items.
SG2000	55	Ivory	2.5 - 3 min	1 Hour	D 72	SG2000 offers a fast cure time, rapid demould and a high shore hardness making it popular with model makers and ideal for small castings. SG2000 can be pigmented to create strong vibrant colours.
FC-6000	75	Beige	3 - 4 min	30 - 40 min	D 75	FC-6000 has a high shore hardness of A75 with a low shrinkage and pot life of 3 - 4 minutes make it a resin to suit many applications. This resin offers excellent adhesion is paint is being applied to cast, it is also easily pigmentable.
FC-6720	45	Beige	4 - 5 min	40 - 50 min	D 75	FC-6720 due to its very low viscosity and pot life of 4 - 5 minutes offers excellent surface detail reproduction and air release. This resin is extremely popular with miniature military model castings due to its high strength even in very thin castings.,
FC-6910	120	Beige	8 - 11 min	2 - 4 Hours	D 80	FC-6910 is a low viscosity polyurethane resin with a long pot life ideal for castings that require a longer pour time. It also offers one of our hardest Shore A ratings of D80.
<i>The FC-6000 , 6720 & 6910 resins must be used at correct operating temperatures of 20° - 25°C , using resins at lower temperatures may result in cure inhibition or brittle casts. For the cure time duration we also recommend this temperature is maintained. All moulds should also be preheated to approx 20° - 25°C especially when casting small items or thin castings.</i>						
FC-7450	75	Beige	5 - 7 min	1 - 2 Hours	D 72	FC-7450 is an economical PU resin ideally suited for backfilling or bulk casting. It also accepts large ratios of fillers and bulkers to further reduce casting costs. This resin would not be designed to be the primary casting material where detail is required, the Easyflo 60, SG2000 or FC-6000 would be the preferred choice.



FC-6620-C	150	Water Clear	4 - 5 min	1 - 2 Hours	D 85	FC-6620-C cures water clear, it is ideal for rapid prototyping or where fast pot life and demould times are required. Due to short pot life recommended casting thickness is between 1 - 7mm, casting thicker may result in air bubbles in cast. UV Stable
FC-6600S-C	100	Water Clear	40 - 50 min	5 - 6 Hours	D 85	FC-6600S-C is water clear when cured, it is ideal for embedding or clear casting where cast thickness is between 10mm and 50mm. Its long pot life enable thick casting and excellent air release. UV Stable.
FC-6630-C	80	Water Clear	25 - 30 min	5 - 6 Hours	A 65	FC-6630-C is an ultra low viscosity, self degassing system that requires optical clarity, it will cure to a water clear, UV stable semi-flexible cast. This resin cures as a firm but flexible rubber rather than a hard plastic.
<p><i>The FC-6620-C , 6600S-C & 6630-C resins must be used at correct operating temperatures of 20° - 25°C , using resins at lower temperatures may result in cure inhibition or brittle casts. For the cure time duration we also recommend this temperature is maintained. All moulds should also be preheated to approx 20° - 25°C especially when casting small items or thin castings. If using silicone moulds these must be made from addition cure silicones, they will not cure in condensation cured moulds. If in doubt please contact before purchase. Casting at thicker than recommend cast thickness may result in bubbles in the cast or cast fractures.</i></p>						

The information provided in this datasheet relates to typical values and should not be considered product specification,.

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