

		6000WAL	6010WAL	6011WAL
Properties of liquid resin	Viscosity, 25 ^o c, Poises	1.5~3.5	2~4	2~4
	Specific Gravity, 25 ^o c	1.11~1.13	1.11~1.13	1.11~1.13
	Gel-Time, Minutes, 25 ^o c	8~15	2.5~6	2.5~6
	Thixotropy, Index, 25 ^o c	N/A	N/A	N/A
Curing condition	Transparent Accelerator, Co-oct (Co 6%)	0.5%	0.5%	0.5%
	Red Accelerator, Co-oct (Co 6%)	N/A	N/A	N/A
	Hardener, MEKPO (PO content,55%)	1.0%	1.0%	1.0%
Properties of cured resin (Unfilled Casting)	Flexural Strength, kg/mm ²	N/A	8.2	11.7
	Flexural Modulus, kg/mm ²	N/A	340	372
	Tensile Strength, kg/mm ²	N/A	5.3	6.2
	Elongation at break, %	36	2.7	2
	Hardness, Barcol 934-1	N/A	10	35
Properties of cured resin (contents 30% of fiberglass mat) (No.450 3-piles)	Flexural Strength, kg/mm ²	N/A	N/A	N/A
	Flexural Modulus, kg/mm ²	N/A	N/A	N/A
	Tensile Strength, kg/mm ²	N/A	N/A	N/A
	Tensile Modulus, kg/mm ²	N/A	N/A	N/A
	Hardness, Barcol 934-1	N/A	N/A	N/A
Description		This resin contains wax and transparent accelerator, low reactivity, is suitable for the soft artistic items.	This resin contains wax and transparent accelerator. The outstanding characteristic of this resin is its good transparency, and is very suitable for the casting of large and medium imitated artistic items.	6011WAL Similar to 6010WAL, is designed for the use of casting of imitated artistic items. It contains wax and transparent accelerator. Because of its high reaction in curing and good rigid characteristic, it is most suitable for the casting of smaller items and medium item. Along the 6011WAL use, most is suitable for the middle and small imitated artistic items. For example manufacture of hair pin and so on.
Application		SOFT ARTISTIC ITEMS	IMITATED ARTISTIC ITEMS (CASTINGS)	IMITATED ARTISTIC ITEMS (CASTINGS)

* The specimens cured at room temperature + two-hour postcure at 80^oc

		6012	6013WAL	6021ALC
Properties of liquid resin	Viscosity, 25 ^o c, Poises	3~5	2~4	7~9
	Specific Gravity, 25 ^o c	1.11~1.13	1.11~1.13	1.11~1.13
	Gel-Time, Minutes, 25 ^o c	2.5~5	2.5~6	4.5~7
	Thixotropy, Index, 25 ^o c	N/A	N/A	N/A
Curing condition	Transparent Accelerator, Co-oct (Co 6%)	0.5%	0.5%	0.5%
	Red Accelerator, Co-oct (Co 6%)	N/A	N/A	N/A
	Hardener, MEKPO (PO content,55%)	1.0%	1.0%	1.0%
Properties of cured resin (Unfilled Casting)	Flexural Strength, kg/mm ²	8.6	10.3	8.2
	Flexural Modulus, kg/mm ²	395	356	360
	Tensile Strength, kg/mm ²	5.1	5.8	5.2
	Elongation at break, %	1.8	2.3	N/A
	Hardness, Barcol 934-1	35	25	35
Properties of cured resin (contents 30% of fiberglass mat) (No.450 3-piles)	Flexural Strength, kg/mm ²	N/A	N/A	N/A
	Flexural Modulus, kg/mm ²	N/A	N/A	N/A
	Tensile Strength, kg/mm ²	N/A	N/A	N/A
	Tensile Modulus, kg/mm ²	N/A	N/A	N/A
	Hardness, Barcol 934-1	N/A	N/A	N/A
Description		This is a non-accelerator, non-wax, and non-thixotropy resin. It has the outstanding characteristic of transparency. Therefore it is particularly suitable for casting products that require high quality of glassiness.	This resin contains wax and transparent accelerator, the outstanding characteristic of this resin is its good transparency , and the medium reaction, it is in the between of the 6010WAL and 6011WAL, is suitable for the casting of large and medium imitated artistic items.	This resin is a non-wax and non-thixotropy resin, it contains transparent accelerator, is an excellent agent as a binder in the fabrication of artificial marble.
Application		TRANSPARENT CASTINGS	IMITATED ARTISTIC ITEMS (CASTINGS)	ARTIFICIAL MARBLE

* The specimens cured at room temperature + two-hour postcur

		6021H	6030	6120
Properties of liquid resin	Viscosity, 25 ^o c, Poises	10~12	3~5	4.5~6.5
	Specific Gravity, 25 ^o c	1.11~1.13	1.11~1.13	1.11~1.13
	Gel-Time, Minutes, 25 ^o c	2~4.5	2.5~5	6.5~15
	Thixotropy, Index, 25 ^o c	N/A	N/A	N/A
Curing condition	Transparent Accelerator, Co-oct (Co 6%)	0.5%	N/A	N/A
	Red Accelerator, Co-oct (Co 6%)	N/A	0.5%	0.5%
	Hardener, MEKPO (PO content,55%)	1.0%	1.0%	1.0%
Properties of cured resin (Unfilled Casting)	Flexural Strength, kg/mm ²	8.1	11.7	N/A
	Flexural Modulus, kg/mm ²	382	416	N/A
	Tensile Strength, kg/mm ²	5.5	5.6	N/A
	Elongation at break, %	1.8	N/A	N/A
	Hardness, Barcol 934-1	35	45	40
Properties of cured resin (contents 30% of fiberglass mat) (No.450 3-piles)	Flexural Strength, kg/mm ²	N/A	N/A	22
	Flexural Modulus, kg/mm ²	N/A	N/A	890
	Tensile Strength, kg/mm ²	N/A	N/A	13.6
	Tensile Modulus, kg/mm ²	N/A	N/A	N/A
	Hardness, Barcol 934-1	N/A	N/A	N/A
Description		This is a non-accelerator and non-wax type resin. It has the water clear transparency and good compatibility with pigments and fillers. This resin is specially designed for the manufacturing of buttons.	This resin contains wax and red accelerator. It is suitable for coating decorative plywood. It can achieve glossy surface by film process.	This is a non-wax non-thixotropy, and non-accelerator resin. It has the good physical properties and excellent performance in the fabrications of pipes and tanks that apply filament winding processes.
Application		BUTTONS	PLYWOOD COATINGS	FILAMENT WINDING

* The specimens cured at room temperature + two-hour postcur

		6120TA	6120TA-ISO	6120TWA
Properties of liquid resin	Viscosity, 25 ^o c, Poises	4~6	4~6	4~6
	Specific Gravity, 25 ^o c	1.11~1.13	1.11~1.13	1.11~1.13
	Gel-Time, Minutes, 25 ^o c	8~15	8~15	8~15
	Thixotropy, Index, 25 ^o c	1.5~2.5	1.5~3	1.3~2.2
Curing condition	Transparent Accelerator, Co-oct (Co 6%)	N/A	N/A	N/A
	Red Accelerator, Co-oct (Co 6%)	0.5%	0.5%	0.5%
	Hardener, MEKPO (PO content,55%)	1.0%	1.0%	1.0%
Properties of cured resin (Unfilled Casting)	Flexural Strength, kg/mm ²	N/A	N/A	N/A
	Flexural Modulus, kg/mm ²	N/A	N/A	N/A
	Tensile Strength, kg/mm ²	N/A	N/A	N/A
	Elongation at break, %	N/A	N/A	N/A
	Hardness, Barcol 934-1	42	42	42
Properties of cured resin (contents 30% of fiberglass mat) (No.450 3-piles)	Flexural Strength, kg/mm ²	21	23.1	21
	Flexural Modulus, kg/mm ²	874	890	874
	Tensile Strength, kg/mm ²	12.6	13.1	12.6
	Tensile Modulus, kg/mm ²	N/A	880	N/A
	Hardness, Barcol 934-1	N/A	N/A	N/A
Description		This resin is a non-wax type resin. It is similar to 6120TWA, 6120TA is also designed for hand lay-up operations to make general FRP products.	This is a ISOPhtalic type resin. It contains accelerator and thixotropy. 6120TA-ISO is designed for special products that require high resistance in chemical, weathering, and heat distortion.	This resin contains thixotropy, wax and accelerator. 6120TWA is a general purpose resin, suitable for hand lay-up application in producing bathtubs, water tanks, and other similar FRP products.
Application		GENERAL PURPOSE RESIN FOR HAND LAY-UP	CHEMICAL RESISTANCE	GENERAL PURPOSE RESIN FOR HAND LAY-UP

* The specimens cured at room temperature + two-hour postcur

		6120W	6122TA	6123TA
Properties of liquid resin	Viscosity, 25 ^o c, Poises	4~6	4~6	3~5
	Specific Gravity, 25 ^o c	1.11~1.13	1.11~1.13	1.11~1.13
	Gel-Time, Minutes, 25 ^o c	4~10	8~15	11~23
	Thixotropy, Index, 25 ^o c	N/A	1.3~2.2	1.5~2.5
Curing condition	Transparent Accelerator, Co-oct (Co 6%)	N/A	N/A	N/A
	Red Accelerator, Co-oct (Co 6%)	0.5%	0.5%	0.5%
	Hardener, MEKPO (PO content,55%)	1.0%	1.0%	1.0%
Properties of cured resin (Unfilled Casting)	Flexural Strength, kg/mm ²	N/A	N/A	N/A
	Flexural Modulus, kg/mm ²	N/A	N/A	N/A
	Tensile Strength, kg/mm ²	N/A	N/A	N/A
	Elongation at break, %	N/A	N/A	N/A
	Hardness, Barcol 934-1	40	42	41
Properties of cured resin (contents 30% of fiberglass mat) (No.450 3-piles)	Flexural Strength, kg/mm ²	22.4	20.4	22.6
	Flexural Modulus, kg/mm ²	910	880	790
	Tensile Strength, kg/mm ²	11.8	12.4	13.2
	Tensile Modulus, kg/mm ²	1021	N/A	1030
	Hardness, Barcol 934-1	N/A	N/A	N/A
Description		This resin is a wax-contained, but non-thixotropy and non-accelerator resin. 6120W shows excellent flexibility and weather resistance. This is specially designed for the manufacture of fishing rods.	This resin contains thixotropy, wax and accelerator. It is designed for spraying-gun process in the manufacture of general FRP products.	This resin contains thixotropy, accelerator, and non-waxed type resin. 6123TA shows excellent performances in fishing boat and yacht constructions. It has outstanding characteristics of non-sagging and dipping. It is particularly suitable for fishing boats, yachts and pleasure boats.
Application		FISHING RODS	GENERAL PURPOSE RESIN FOR SPRAYING GUN	FISHING BOATS 、 YACHTS

* The specimens cured at room temperature + two-hour postcur

		6130P	6133WAL
Properties of liquid resin	Viscosity, 25°c, Poises	3.5~6	4~6
	Specific Gravity, 25°c	1.11~1.13	1.11~1.13
	Gel-Time, Minutes, 25°c	4.5~12	3.5~7
	Thixotropy, Index, 25°c	N/A	N/A
Curing condition	Transparent Accelerator, Co-oct (Co 6%)	N/A	0.5%
	Red Accelerator, Co-oct (Co 6%)	0.5%	N/A
	Hardener, MEKPO (PO content,55%)	1.0%	1.0%
Properties of cured resin (Unfilled Casting)	Flexural Strength, kg/mm ²	N/A	N/A
	Flexural Modulus, kg/mm ²	N/A	N/A
	Tensile Strength, kg/mm ²	N/A	N/A
	Elongation at break, %	N/A	N/A
	Hardness, Barcol 934-1	44	38
Properties of cured resin (contents 30% of fiberglass mat) (No.450 3-piles)	Flexural Strength, kg/mm ²	22	21.4
	Flexural Modulus, kg/mm ²	890	701.2
	Tensile Strength, kg/mm ²	12.7	11
	Tensile Modulus, kg/mm ²	980	820
	Hardness, Barcol 934-1	N/A	N/A
Description		This resin contains wax, and is non-accelerator or thixotropy. It has excellent physical properties and is specially designed for pultrusion process.	This resin contains wax and is non-thixotropy. It contains water-clear accelerator. The outstanding characteristics of this resin is good transparency and great compatibility with fiberglass mat. It is a specialized resin in producing corrugated roofing board.
Application		PULTRUSION	TRANSPARENT ROOFING BOARDS

* The specimens cured at room temperature + two-hour postcur