

Pel-Urethane[®]

Product Name	MU-891A/B/C
Product Category	Urethane Resin for Prototype Model
Usage	Prototype Model
Function	Flexible

As supplied

(Typical Value)

Item	Condition	Unit	MU-891A	MU-891B	MU-891C
Part	-	-	Resin	Hardener	Hardness Adjuster
Appearance	visual	-	Colorless, Black	Pale yellow	Pale yellow
Viscosity	25°C	mPa·s	470	170	
Specific Gravity	25°C	-	1.00	1.16	0.99
Mixing Ratio	parts by weight		100/100/0~300		
Mixed Viscosity	25°C	mPa·s	190~330		
Pot Life	25°C	分	5~10		

Standard Curing Condition

60°C-1hour

As cured

Item	Condition	Unit	Typical Value
Cured Appearance	visual	-	White, Black
Hardness	Shore A	-	20~90
Cured Specific Gravity	25°C	-	1.12 (MU-891A/MU-891B = 100/100)

Item			Pot Life	Mixed Viscosity (mPa·s)	De-mold Time * (minute)	Hardness (ShoreA)	Tensile Strength (MPa)	Elongation (%)	Tear Strength (N/mm)
Part A	Part B	Part C							
100	100	0	5'30	330	60	90	17	270	34
		20	5'30	310	60	80	12	260	27
		50	5'10	280	60	70	8	230	20
		90	5'20	260	60	60	6	290	16
		120	5'40	240	60	50	5	290	12
		170	7'30	220	60	40	4	310	10
		200	8'00	210	60	30	3	310	9
		300	10'00	190	60	20	2	330	7

*In case of adding 5% pigment, de-mold time will be 120minutes.

The above values are typical and not specification



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