

Pel-Urethane[®]

Product Name	MU-879A/MU-879B
Product Category	Urethane Resin for Prototype Model
Usage	Prototype Model
Function	Long Pot Life

As supplied

(Typical Value)

Item	Condition	Unit	MU-879A	MU-879B
Appearance	visul	—	Colorless, Black	Light Yellow transparent
Specific Gravity	25°C	—	1.10	1.18
Viscosity	25°C	mPa·s	870	270
Mixing Ratio	parts by weight		100/200	
	parts by volume		100/187	
Pot Life	25°C, 100g	time	9 miutes	

Standar Curing Schedule

60°C~70°C – 60~90 minutes

(90minutes cure is recommeded for large type cure.)

As cured (60°C x 60 minutes cure)

Item	Condition	Unit	Typical Value
Appearance	Condition		White, Black
Specific Gravity	JIS K-7112 25°C		1.2
Hardness	ASTM D-2240 25°C	Shore D	74
Tensile Strength	JIS K-7113	MPa	48
Elongation	JIS K-7113	%	44
Flexural Strength	JIS K-7171	MPa	63
Flexural Modulus	JIS K-7171	MPa	1500
Impact Strength	JIS K-7110	kJ/m ²	14
Load Defoamation Temperature	JIS K-7191 Load 1.8MPa	°C	78
Shrinkage	t=4	%	0.5
C.T.E. *1	TMA	/°C	1.7 x 10 ⁻⁴

*1 : Coefficient of Thermal Expantion

The above values are typical and not specification.



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