

## *Pel-Urethane*<sup>®</sup>

<b>Product Name</b>	MU-866A/MU-866B
<b>Product Category</b>	Polyurethane Resin for Prototype Model
<b>Usage</b>	Prototype Models
<b>Function</b>	Non Yellowing, High Transparent

### As supplied

(Typical Value)

Item	Condition	Unit	MU-866A	MU-866B
<b>Appearance</b>	visual	–	Slightly blue transparent	Colorless transparent
<b>Specific Gravity</b>	25°C	–	1.03	1.08
<b>Viscosity</b>	25°C	mPa·s	2000	150
<b>Mixing Ratio</b>	parts by weight		100/200	
	parts by volume		100/190	
<b>Pot Life</b>	25°C	min	10	

### Standard Curing Condition

**60°C-90min or 70°C-60min**

### As cured

Item	Condition	Unit	Typical Value
<b>Appearance</b>	visual	–	Colorless transparent
<b>Specific Gravity</b>	JIS K-7112 25°C	–	1.13
<b>Hardness</b>	JIS K-7215 25°C	shore D	85
<b>Tensile Strength</b>	JIS K-7162	MPa	66
<b>Tensile Modulus</b>	JIS K-7162	MPa	2100
<b>Elongation</b>	JIS K-7162	%	6
<b>Flexural Strength</b>	JIS K-7171	MPa	96
<b>Flexural Modulus</b>	JIS K-7171	MPa	2,000
<b>Impact Strength</b>	JIS K-7110 Izod V-notch	kJ/m <sup>2</sup>	8
<b>Load Defoamation Temperature</b>	JIS K-7191 Load 1.8MPa	°C	85
	JIS K-7191 Load 0.45MPa	–	94
<b>shrinkage</b>	t = 3	%	0.38

The above values are typical and not specification



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