



**PX521-HT**

**1. Description**

Poured in a silicone rubber mold, used to make transparent prototypes, with a thickness of up to 50mm.

It is a kind of vacuum casting polyurethane resin with high transparency, easy operation and polishing, and good UV resistance.

**2. Basic Properties**

Item		Technical Parameters	Remarks
Commodity		DPI PX521-HT	
Appearance	A Comp	Pale Blue	Polyhydric Alcohols Isocyanate
	B Comp	Clear	
Color of Artical		Clear	
Viscosity	A Comp	1100	BROOKFIELD-LVT
	B Comp	200	
	Mixing	500	
Density after cured at 25°C	A Comp	1.05	Standard Hydrometer
	B Comp	1.07	
Density after cured at 23°C		1.06	Standard Hydrometer
Mixing Ration	A:B	55:100	Parts by weight
Pot Life	25°C	20 min.	Resin 150g
Time before demolding	70°C	120 min.	10 mm
Hardness	Shord D	87	
Tensile strength	MPa	75	ISO 527:1993
Bending strength	MPa	105	ISO 527:2001
Flexural modulus of elasticity	MPa	2100	ISO 527:2001
Impact strength	KJ/ m2	27	ISO 179/2D:1994
Glass transition temperature	°C	110	T.M.A. Metter
Maximum casting thickness	mm	50	
Distortion temperature	°C	100	T.M.A. Metter