

The Parameter of PU8150

Basic Physical Properties

Item		Value	Remarks
Name		8150	
Appearance	A Comp.	Ivory color	Polyols
	B Comp.	Light Yellow transparent	Isocyanates
Color of Finished Article		Ivory	Adjustable to be white or black
Viscosity (mPa. s, 25°C)	A Comp.	800	
	B Comp.	160	Viscometer Type BM
Specific Gravity (25°C)	A Comp.	1.09	Standrad Hydrometer
	B Comp.	1.19	Standrad Hydrometer
Mixing Ratio	A:B	100:200	Parts by weight
Pot Life	(25°C)	5 minutes	Resin 100 g
Specific Gravity of Finished Article		1.21	JIS K-6911
Hardness	Shord D	80-85	
Tensile Strength	kg/cm ²	740	
Elongation	%	16	JIS K-6911
Young's modulus in flexure	kg/cm ²	800	
Modulus of Elasticity in Static Bending	kg/cm ²	18300	
Impact strength	Kg-cm/cm	12-15	Izod V Notch
Shrinkage Factor	%	0.3	Own method
Load Deflection Temperature	°C ⁻¹	6X10 ⁻⁵	JIS K-6911
Coefficient of Heat Expansion	°C	100	JIS K-7207 (18.5kg/cm ²)