

## \*\*\*\*\* Hei-Mex 6300, 6300LP \*\*\*\*\*

## 1. Overview

Hei-Mex 6300 and 6300LP are two-part curing polyurea resins. They have the following characteristics:

- (1) A coating film that is excellent in transparency and hardly yellows can be obtained.
- (2) It is a protective material for buildings and structures.
- (3) Designed with a 100% solid content that is completely solvent-free, it is friendly to the human body and the environment.
- (4) It has a long pot life and can be coated by hand.

## 2. Basic properties

Item		Values		Notes
Item No.		6300	6300LP	
Appearance	A Comp.	Clear yellow		Polyamines
	B Comp.	Clear and yellowish		Isocyanates
Product Color	Cured product	Clear and yellowish		Polyurea resin
Viscosity (mPa·s, 25°C)	A Comp.	500	800	BM Type viscometer
	B Comp.	1700		
Specific gravity (25°C)	A Comp.	1.07	1.06	Standard hydrometer
	B Comp.	1.10		
Mixing ratio	A:B	100:100		Weight ratio
Pot life	25°C	18 min.	36 min.	25°C

## 3. Basic physical properties

Item		Values		Notes
Item No.		6300	6300LP	
Surface hardness	Type D	70	68	JIS-K-6253
Tensile strength	MPa	30	21	JIS-K-7312 Tensile test: Type 3 dumbbell Tear Test: Angle Shape
Elongation	%	140	160	
Tear strength	N/mm	137	122	

NOTE) Specimen Curing Conditions: Mold Temperature 60°C, 60°C × 2 hrs De-moulding + 60°C × 24 hrs + 25°C × 24 hrs

This physical property value is a representative value measured by us and is not a standard value.

The physical properties of the product depend on the shape and molding conditions, so please be sure to fully check before use.