

***** Hei-Mex 6710 *****

1. Overview

Hei-Mex 6710 is a two-part curable urethane urea spray resin.

Forms a high-hardness coating, and exhibits excellent chemical resistance.

2. Basic properties

Item		Values	Notes
Appearance	A Comp.	Light gray	Polyamines
	B Comp.	Dark brown	Isocyanates
Product Color	Cured product	Light gray	Urethane urea resin
Viscosity (mPa·s, 25°C)	A Comp.	1600	BM Type viscometer
	B Comp.	500	
Specific gravity (25°C)	A Comp.	1.06	Standard hydrometer
	B Comp.	1.18	
Mixing ratio	A:B	100:100	Capacity ratio
		100:112	Weight ratio
Pot life	25°C	14 sec	25°C

3. Basic physical properties

Item		Values	Notes
Surface hardness	Type D	83	JIS-K-6253
Tensile strength	MPa	38	JIS-K-7113
Elongation	%	40	

NOTE) Specimen Curing Conditions: Mold Temperature 60°C, 60°C × 5 min De-moulding + 60°C × 24 h + 25°C × 24 h

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.

4. Chemical resistance

Item	Percentage change in weight	Notes
Hei-Mex 6710	+ 7.0 %	No significant swelling
Hei-Mex 6200 (reference)	+ 36 %	Significant swelling

NOTE) Changes were observed after immersion in 35% hydrochloric acid for 24 h.

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