

PRODUCT DATA SHEET

PUR'FECT G766/35

EDITION: 03. 2020



Developed for	the insulation of sandwich panels
Polyol	Mixture of polyether polyols, activators (contains amine), stabilizer and
Isocyanate	physical blowing agents HFC 365 mfc/227 ea Product based on Diphenylmethanediisocyanate (MDI)

	Typical properties			
			Polyol	Isocyanate
Formulation	Density 25°C	g/cm ³	ca. 1,10	ca. 1,23
	Viscosity 25°C	mPas	ca. 370	ca. 200
Cup test	Polyol	Pur'fect G766/35	100 parts by weight	
	Isocyanate	Pur'fect 100	110 parts by weight	
	Ratio Polyol : Isocyanate		100 : 110	
Processing conditions	Material temperature		20	°C
	Cup weight			
		Polyol	40	g
		Isocyanate	44	g
	Parameter			
		Cream time	ca. 33	Sec.
	Gel time	ca. 165	sec.	
	Fre rise density	ca. 34	kg/m ³	
	Mould temperature		30 - 40	°C

Typical foam properties*

Physical properties	Property	Value	Dimension	Standard
	Density (core)	45.5	kg/m ³	DIN WN 1602
	Compression Hardness	280	kPa	DIN EN ISO 844
	Adhesion	380	kPa	DIn 53292
	Dimensional Stability	max. in all directions	-0.5 %	DIN EN 1604
	Thermal Conductivity	0,0225	W/mK	DIN 52612

*measured in a lab-made sample

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Safety

Using information

Please pay attention to the safety data sheet

It contains handling information

It is advisable to avoid direct skin contact with freshly produced polyurethane, because of the fact that in case of not covered polyurethane the surface may obtain traces of starting and successive products which are e.g. dangerous to health or have irritating, cauterising and/or sensitising properties.

Preparation

Before using, this polyol has to be **mixed very well.**

Using

Storage

The packaging has to be closed very well. This product is very sensitive to moisture.

The storage temperature is recommended at 25°C. Polyol should not be stored below 15°C and the isocyanate not below 20°C.

The storage life is guaranteed for 3 months.

The product information are made to the best of our believe, they are however not obligatory. This concerns also to trade mark rights of third parties. The above mentioned product information have to be proved additionally by an individual test of our products regarding the application for the intended processing of our purpose. The processing of our products and the products manufactured by the customer according to our technical support are out of our controlling possibilities and therefore subject to the responsibility of the customer.