

## PUREX WG 2017 NF

### Technical Data Sheet

Two component system for semi-rigid polyurethane foam production. Properly the blowing agent is CO<sub>2</sub> created in reaction of Component B with the water contained in polyol.

#### 1. Application

It is especially recommended for manufacturing light rigid polyurethane foam, for example: boilers semi-rigid insulation. It is designed for machine low- and high pressure processing.

#### 2. Product properties.

	Component A	Component B
Appearance	liquid	liquid
Color	white	brown
Viscosity at 25°C, mPas	750 +/- 150	max 250
Specific gravity at 20°C, g/cm <sup>3</sup>	1,03	1,23
Mixing ratio A:B		
Parts by weight	100:100	
Raw material temperature	18-22°C	
Environment temperature	18-22°C	
Reactivity:		
Start time	20-23 s	
Cream time(CRT)	80-90 s	
Tack free time	130-160s	

#### 3. Foaming properties

Free rise density	16-18 kg/m <sup>3</sup>
Min. required core density	20 kg/m <sup>3</sup>
Thermal Conductivity	
Declared	0,033 W/mK
Burning properties acc. to DIN 4102	class B3
Temperature resistance	max. 100°C

Mix a component A before application.

Those Data was obtained in laboratory conditions. In each case customer should check all parameters in own application.

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