

PRODUCT TECHNICAL DATA SHEET

Rev.02. 2017/09/18

 **NEOPOLYOL FR panel**

General information

Product Description

Neopolyol FR panel - is a semi-system based on Aromatic Polyester Polyol and used to improve the fire performance of rigid foams. It is designed for the manufacture of PIR foams.

Application

- ◆ Polyisocyanurate (PIR) Foam

Product Characteristics

Property	Value	Test method
Hydroxyl Number, mg KOH/g	190±230	DIN 53240
Dynamic Viscosity (25°C), mPa·s	1000±2000	ASTM D 4878-08
Density, g/cm ³	1.15±1.25	ASTM D 4669-07
Appearance	liquid	ASTM D 4669-07

Storage and handling

Product has a shelf life of 3 month, in tightly closed drums or containers. Recommended storage conditions are 25±60°C.

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 **NEOPOLYOL FR panel****Application example**

Component	Weight part	Density
Neopolyol FR panel	100	
Standard polymeric MDI	190	
Amine catalyst	0.33	
Trimerisation catalyst	2.48	
Blowing agent, isopentane 75%	14	
		30 kg/m ³
Neopolyol FR panel	100	
Standard polymeric MDI	190	
Amine catalyst	0.3	
Trimerisation catalyst	2.3	
Blowing agent, isopentane 75%	11.2	
		40 kg/m ³