

# Bayfit® 49BM02(90 Index, 86 kg/m<sup>3</sup>)

Polyurethane

Covestro - PUR

## Message:

Polyol formulation intended for processing with isocyanates to produce visco-elastic moulded polyurethane foam with slow recovery after compression. Potential fields of application are mattresses and cushioning for the furniture industry.

General Information		
Uses	Furniture	
	Foam	
Forms	Liquid	
Physical	Nominal Value	Unit
Core Density	86.0	kg/m <sup>3</sup>
Compression Hardness - cv40	5.60	
Hysteresis - h70	61	%
Elastomers	Nominal Value	Unit
Tensile Strength	0.196	MPa
Tensile Elongation (Break)	160	%
Tear Strength	0.379	kN/m
Compression Set <sup>1</sup>	2.0	%
Additional Information	Nominal Value	Unit
Hydroxyl Number, PET-11-01: 137 to 151 mg KOH/gWater Content, PET-19-01: 1.70 to 2.00%Density, PET-07-01: approx. 1.05 g/cm <sup>3</sup> Color: colorless, slightly yellowish, clearOdor: slightly like amineProcessing data (lab foaming): Temperature of raw materials: 25°C Cream Time: 11 sec Gel Time: 85 sec Rise Time: approx. 150 sec Mould Temperature: approx. 55°C Processing conditions for high pressure equipment: Mold Temperature: 50 to 60°C Molded Density: 70 to 95 kg/m <sup>3</sup> Mixing Ratios: 100:52 to 100:59 Demold Time: 6 to 7 min Temperature of raw materials: 20 to 30°C		
NOTE		
1.	at 75%	

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