



NAMI FLEX 3540T

Description

Two Components Polyurethane System used in the Production of Flexible Foams, especially to production Home furniture foam.

Material Properties	Unit	Prepolymer	Polyol Mix	Method
Density (25 °C)	g/cm3	1.15-1.25	1.00-1.100	DIN 51757
Viscosity (25 °C)	cP	100-150	1800-2300	DIN 53019
Melting Conditions	°C	6-8 hr if needed	Non-freezing	-
Storage @20-25 °C	Month	6	6	-

Operation Parameters	Unit	Value	Method
Mixing Ratio (ISO/POLY)	w/w	55-75	Internal Method
Cream Time	Sec	11--15	Internal Method
Gel Time	Sec	60-70	Internal Method
Rise Time	Sec	80-90	Internal Method
Free Rise Density	kg/m3	35-38	Internal Method
Mold Density	kg/m3	35-40	ISO 845
Mold Temperature	°C	45-60	-
Prepolymer Tank Temperature	°C	25-30	-
Polymix Tank Temperature	°C	25-30	-

Product Properties	Unit	Value	Method
Hardness	Shore A		DIN 7619



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NAMI FLEX 4045H

Description

Two Components Polyurethane System used in the Production of Flexible Foams, especially to production Office and Automotive furniture foam.

Material Properties	Unit	Prepolymer	Polyol Mix	Method
Density (25 °C)	g/cm3	1.15-1.25	1.00-1.100	DIN 51757
Viscosity (25 °C)	cP	100-150	1800-2300	DIN 53019
Melting Conditions	°C	6-8 hr if needed	Non-freezing	-
Storage @20-25 °C	Month	6	6	-

Operation Parameters	Unit	Value	Method
Mixing Ratio (ISO/POLY)	w/w	45-65	Internal Method
Cream Time	Sec	11--15	Internal Method
Gel Time	Sec	75-85	Internal Method
Rise Time	Sec	90-100	Internal Method
Free Rise Density	kg/m3	43-47	Internal Method
Mold Density	kg/m3	40-45	ISO 845
Mold Temperature	°C	45-60	-
Prepolymer Tank Temperature	°C	25-30	-
Polymix Tank Temperature	°C	25-30	-

Product Properties	Unit	Value	Method
Hardness	Shore A		DIN 7619



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