



NAMI RIGID R2123

Description

Poly R2123 is designed for the production of polyurethane rigid foam, especially to production refrigerator foam. It is strongly recommended to use with ISO PM200.

Material Properties	Unit	Prepolymer	Polyol Mix	Method
Density (25 °C)	g/cm3	1.15-1.25	1.1-1.2	DIN 51757
Viscosity (25 °C)	cP	250-350	2400-2800	DIN 53019
Melting Conditions	°C	Non-freezing	Non-freezing	-
Storage @20-25 °C	Month	6	6	-

Operation Parameters	Unit	Value	Method
Mixing Ratio (ISO/POLY)	w/w	100/(140-144)/(11-13)	Internal Method
Cream Time	Sec	11--13	Internal Method
Gel Time	Sec	58-68	Internal Method
Demoulding Time	Sec	420-480	Internal Method
Free Rise Density	kg/m3	23-25	Internal Method
Mold Density	kg/m3	32-34	ISO 845
Mold Temperature	°C	45-55	-
Prepolymer Tank Temperature	°C	23-28	-
Polymix Tank Temperature	°C	23-28	-

Product Properties	Unit	Value	Method
Insulation @0°C	mW/mK	20-23	DIN 4102



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NAMI RIGID RD3842

Description

three component system used in the production of rigid foam sandwich panels, especially for discontinuous and valuminous panels. Components Description: A: Polyol Namirigid RD3842 ; mixture of polyols and catalysts B: Isocyanate Component which could be PM200 or KP200 C: n-pentane as Physical blowing Agent.

Material Properties	Unit	Prepolymer	Polyol Mix	Method
Density (25 °C)	g/cm3	1.15-1.25	1.1-1.2	DIN 51757
Viscosity (25 °C)	cP	250-350	1400-1800	DIN 53019
Melting Conditions	°C	Non-freezing	Non-freezing	-
Storage @20-25 °C	Month	6	6	-

Operation Parameters	Unit	Value	Method
Mixing Ratio (ISO/POLY)	w/w	$(100+(7-9))/(125-135)$	Internal Method
Cream Time	Sec	30-35	Internal Method
Gel Time	Sec	130-140	Internal Method
Demoulding Time	Sec	1200 per 10cm	Internal Method
Free Rise Density	kg/m3	28-30	Internal Method
Mold Density	kg/m3	38-42	ISO 845
Mold Temperature	°C	45-55	-
Prepolymer Tank Temperature	°C	23-28	-
Polymix Tank Temperature	°C	23-28	-

Product Properties	Unit	Value	Method
Insulation @0°C	mW/mK	19-22	DIN 4102





NAMI RIGID RD3842-V

Description

three component system used in the production of rigid foam sandwich panels, especially for discontinuous and valuminous panels. Components Description: A: Polyol Namirigid RD3842 ; mixture of polyols and catalysts B: Isocyanate Component which could be PM200 or KP200 C: n-pentane as Physical blowing Agent.

Material Properties	Unit	Prepolymer	Polyol Mix	Method
Density (25 °C)	g/cm3	1.15-1.25	1.1-1.2	DIN 51757
Viscosity (25 °C)	cP	250-350	1400-1800	DIN 53019
Melting Conditions	°C	Non-freezing	Non-freezing	-
Storage @20-25 °C	Month	6	6	-

Operation Parameters	Unit	Value	Method
Mixing Ratio (ISO/POLY)	w/w	$(100+(5-7))/(120-130)$	Internal Method
Cream Time	Sec	20-25	Internal Method
Gel Time	Sec	115-130	Internal Method
Demoulding Time	Sec	1200 per 10cm	Internal Method
Free Rise Density	kg/m3	23-27	Internal Method
Mold Density	kg/m3	38-42	ISO 845
Mold Temperature	°C	45-55	-
Prepolymer Tank Temperature	°C	23-28	-
Polymix Tank Temperature	°C	23-28	-

Product Properties	Unit	Value	Method
Insulation @0°C	mW/mK	19-22	DIN 4102





NAMI RIGID RS2628

Poly RS2628 is designed for the production of polyurethane rigid foam, especially to production shutter foam. It is strongly recommended to use with ISO PM200.

Material Properties	Unit	Prepolymer	Polyol Mix	Method
Density (25 °C)	g/cm3	1.15-1.25	1.1-1.2	DIN 51757
Viscosity (25 °C)	cP	250-350	2500-3500	DIN 53019
Melting Conditions	°C	Non-freezing	Non-freezing	-
Storage @20-25 °C	Month	6	6	-

Operation Parameters	Unit	Value	Method
Mixing Ratio (ISO/POLY)	w/w	125-130	Internal Method
Cream Time	Sec	7--9	Internal Method
Gel Time	Sec	24-28	Internal Method
Tack Free Time	Sec	30-35	Internal Method
Free Rise Density	kg/m3	35-45	Internal Method
Cut Time	Sec	60-90	Internal Method
Mold Temperature	°C	45-55	-
Prepolymer Tank Temperature	°C	23-28	-
Polymix Tank Temperature	°C	23-28	-

Product Properties	Unit	Value	Method
Insulation @0°C	mW/mK	21-23	DIN 4102



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