



# NAMI RIGID RS2628

## Description

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	100/(136-140)/(9-11)	Internal Method
Cream Time	Sec	10--11	Internal Method
Gel Time	Sec	40-45	Internal Method
Demoulding Time	Sec	90-100	Internal Method
Free Rise Density	kg/m3	26-28	Internal Method
Mold Density	kg/m3	36-40	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	21-23	DIN 4102



**شعبه تهران**  
خیابان ولیعصر، بالاتر از ظفر نیش کوچه ناصری، برج کمان، طبقه ۴، واحد ۴  
Tehran Office: Unit6, Floor4, Kian Tower, Zafar Alley, Valiasr St, Tehran, Iran

**شعبه تبریز**  
بازار تبریز، خیابان دارایی قدیم، جنب بانک سپه  
Tabriz Office: Side Of Sepah Bank, Old Daraie St, Bazar-Tabriz, Tabriz, Iran

**کارخانه**  
تبریز ابتدای شهرک صنعتی عالی نسب  
Factory: Alinasab Industrial Zone, 20th km of Tehran Road, Tabriz, Iran

+۲۱- ۸۸۹۹۵۰۳۴  
+۲۱- ۸۸۶۵۲۶۶  
+98 21 88645263-4  
+98 21 88798504

+۲۱- ۳۵۲۵۱۶۱۶  
+۲۱- ۹۱۴۶۷۲۸۶۸۶  
+98 914 672 8686  
+98 41 35251616

+۲۱- ۳۶۳۰۱۳۳۳-۵  
+98 41 36301233-5

[www.rasampolymerdami.com](http://www.rasampolymerdami.com)

[info@namigrp.com](mailto:info@namigrp.com)

[rasampolymerdami](https://www.youtube.com/rasampolymerdami)

[rasampolymerdami](https://www.instagram.com/rasampolymerdami)

[rasampolymerdami](https://www.facebook.com/rasampolymerdami)  
[rasampolymerdami\\_int](https://www.linkedin.com/rasampolymerdami)





## 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/(136-140)/(11-13)	Internal Method
Cream Time	Sec	11--14	Internal Method
Gel Time	Sec	70-75	Internal Method
Demoulding Time	Sec	420-480	Internal Method
Free Rise Density	kg/m3	24-26	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



**شعبه تهران**  
خیابان ولیعصر، بالاتر از فلور نیس کوچه ناصری، برج کیان، طبقه ۴، واحد ۴  
Tehran Office: Unit6, Floor4, Kian Tower, Zafar Alley, Valiasr St, Tehran, Iran

**شعبه تبریز**  
بازار تبریز، خیابان دارایی قدیم، جنب بانک سپه  
Tabriz Office: Side Of Sepah Bank, Old Daraie St, Bazar-Tabriz, Tabriz, Iran

**کارخانه**  
تبریز ابتدای شهرک صنعتی عالی نسب  
Factory: Alinasab Industrial Zone, 20th km of Tehran Road, Tabriz, Iran

+۲۱- ۸۸۹۹۵۰۳۴  
+۲۱- ۸۸۶۵۶۶۶  
+98 21 88645263-4  
+98 21 88798504

+۲۱- ۳۵۲۵۱۶۱۶  
+۹۱۴۶۷۲۸۶۸۶  
+98 914 672 8686  
+98 41 35251616

+۲۱- ۳۶۳۰۱۳۳۳-۵  
+98 41 36301233-5

[www.rasampolymerdami.com](http://www.rasampolymerdami.com)

[info@namigrp.com](mailto:info@namigrp.com)

[rasampolymerdami](https://www.youtube.com/rasampolymerdami)

[rasampolymerdami](https://www.instagram.com/rasampolymerdami)

[rasampolymerdami](https://www.facebook.com/rasampolymerdami)  
[rasampolymerdami\\_int](https://www.linkedin.com/company/rasampolymerdami)





## 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	$(100+(5-7))/(120-130)$	Internal Method
Cream Time	Sec	30-35	Internal Method
Gel Time	Sec	130-140	Internal Method
Demoulding Time	Sec	1200-2400	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	115-125	Internal Method
Demoulding Time	Sec	1200-2400	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

