



安徽艾约塔硅油有限公司

IOTA corporation Ltd.

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日月科技园

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Sunmoon industry park, 985 Xingzhong Road,

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High bite force addition type liquid silicone rubber series of IOTA LSR 3240K

Description:

IOTA LSR 3240K A/B series is a food grade, high bite force addition type liquid silicone rubber.

Features:

1. Two-component, 1:1 mix ratio
2. Excellent mold release
3. Fast heat curing
4. Excellent mechanical properties

Application:

1. Miscellaneous parts
2. Nipple
3. Various injection molding miscellaneous products
4. Complex structure injection products

Curing:

temperature	Curing time, 2mm thickness
130℃	90 S
150℃	45 S

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Technical data:

Properties	M4240K	M4250K	M4260K
Uncured products			
Component A			
Color	transparent		
Density 23°C,g/cm ³	1.12	1.12	1.12
Viscosity 23°C, 10S-1	300Pa.s	300 Pa.s	320Pa.s
Component B			
Color	transparent		
Density 23°C,g/cm ³	1.12	1.12	1.12
Viscosity 23°C, 10S-1	280Pa.s	290 Pa.s	300Pa.s
Technical data (A/B mixed)			
Mixing ratio (weight)	1:1		
Viscosity 23°C, after stirring	300Pa.s	300 Pa.s	320Pa.s
Curing time		see curing conditions	
Technical data (cured)	(125±2°C, 5min)		
Color	transparent		
Density 23°C,g/cm ³	1.12	1.12	1.12
Hardness	40	50	60
Tensile Strength	9Mpa	10 Mpa	10 Mpa

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Elongation	550%	550 %	500 %
Tear strength	30KN/m	40 KN/m	38 KN/m

NOTES

1. IOTA LSR 3240K series is a platinum catalyzed product, which is in component A, pay strict attention when using to avoid catalyst poisoning.
2. Only same batch of components A and B could be mixed together.
3. In order to ensure the best fluidity and evenly of materials, materials must be fully mixed before transferred to containers.

Packaging & storage

A component 200 Kg/drum, B component 200 Kg/dum.

Store under 23°C to avoid exposure to rain and sunlight.

Shelf life: 12 months, unopened condition.

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