

TURCO[®] 2-K Maskant TURCO[®] 6914 – TURCO[®] 6915

TWO COMPONENT RAPID CURE MASKANT

Description

Turco 2-K Maskant is a 100% solids, two component, polyurethane based, air curing, hand peelable coating that provides protection to metallic surfaces during mechanical fabrication and chemical processing.

Due to its advanced chemistry, TURCO 2-K MASKANT's rapid cure allows the user to process coated parts much faster than with conventional maskants, both water and solvent based.

Component A	TURCO 2-K MASKANT COMPONENT 6914		
Component B	TURCO 2-K MASKANT COMPONENT 6915		
Group	PUR spray elastomers		
Application	Temporary protective coating for metal surfaces		
Tool-, substrate-temperature	In accordance with processing parameter		
Mixing ratio	A:B	100:100	By weight
	A:B	100:85	By volume

Chemical-physical properties of the component (typical values)

Property	Unit	Method	Polyol (A)	Isocyanate (B)
Density (20°C)	Kg(m) ⁻³	KDIA07/B05	935	1105
Viscosity (25°C)	mPa.s	KDIA08/B03	6000	3150
Amine-value	mg KOH(g) ⁻¹	KDIA04	52	
Isocyanate-value	%NCO	KDIB01		12.3

System parameters at 23°C (typical value)

Property	Unit	Method	Minimum	Maximum
Tack-free time	s	KDIV01	16	20

Physical-Mechanical properties Measures on specimen produced under laboratory conditions

Property	Unit	Method	Average
Foil thickness	µm		300
Tensile strength		DIN 53504	
- Elongation	%		224
- Tension at 25% elongation	N(mm) ⁻²		2.0
- Tension at 50% elongation	N(mm) ⁻²		2.9
- Tension at 100% elongation	N(mm) ⁻²		4.0
- Tension maximal	N(mm) ⁻²		7.2
Hardness (0-10s, 23°C, Thick 6mm)	Shore A	DIN 53504	79
Tear strength (angle with nick)	N(mm) ⁻¹	DIN 53515	11.7
Tear strength (angle no nick)	N(mm) ⁻¹	DIN 53515	23.6

NOTICE:

The above information and recommendations concerning this product are based upon our laboratory tests and field use experience with this or similar products. However, since conditions of actual use are beyond our control, any recommendations or suggestions are made without warranty, express or implied. Manufacturer's and seller's sole obligation shall be to replace that portion of the product shown to be defective. Neither shall be liable for any loss, damage, or injury, direct or consequential, arising out of the use of this product.

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