

**Back to
former strength.**



BIRESIN®
U1320 NT

Foundry resin Biresin® U1320 NT with **New Technology tested in practical applications**

Just as reliable as the original

- work well and with certainty just like in the past
- easy processing, easy casting
- demould with ease
- abrasion value at the "U1320" level

... and beneficial for your business

- calculable production process
- deliver to your customers on time
- long lifespan of the core box
- calculable restoration intervals

Do you have any questions about the technology and processing?

Just contact your local representative.



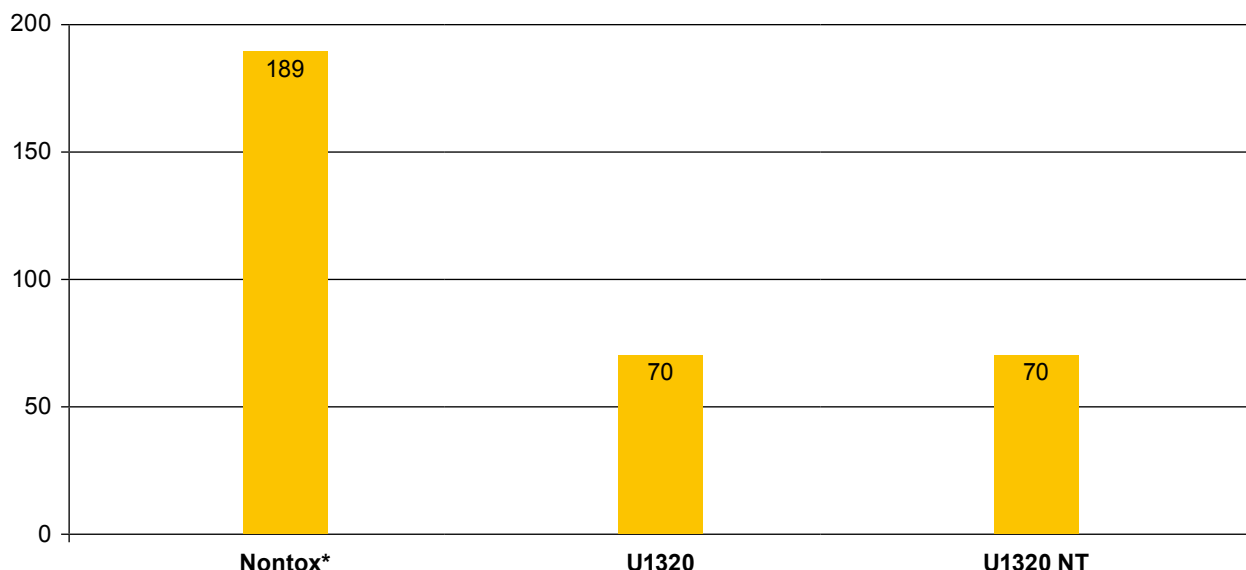
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Innovation & Consistency | since 1910

”The new Biresin® U1320 NT finally gives us back certainty“

Quote from the interview with a user after the successful test series (in "Gießerei-Erfahrungsaustausch", Issue 9-10/2012)

Abrasion test according to ISO 4649 [mm³]



* Average value from commercially available foundry resins on a non-toxic basis according to the Sika laboratory test series from July 2012 (without Biresin® U1320 NT offered starting in October 2012).

Processing Data		Resin (A)	Hardener (B)
Individual components		Biresin® U1320 NT	Biresin® U1320 L Neu
Viscosity, 25°C	mPas	~ 14,000	~ 270
Density	g/ml	1.10	1.15
Mixing ratio resin (A) to hardener (B) in parts by weight		100	40
		Mixture	
Potlife, 500 g, RT	min	16	
Demoulding time, RT	h	> 16	
Curing time, RT	d	3 - 5	

Physical Data (approx. values)			
Biresin® U1320 NT resin (A) with hardener (B)			Biresin® U1320 L Neu
Colour			beige*
Density	ISO 1183	g/cm ³	1.15
Shore hardness	ISO 868	-	D 62
Tensile strength	ISO 527	MPa	50
Elongation at break	ISO 527	%	330
Abrasion resistance	ISO 4649	mm ³	70

* dependent on raw materials the colour can differ without different mechanical properties