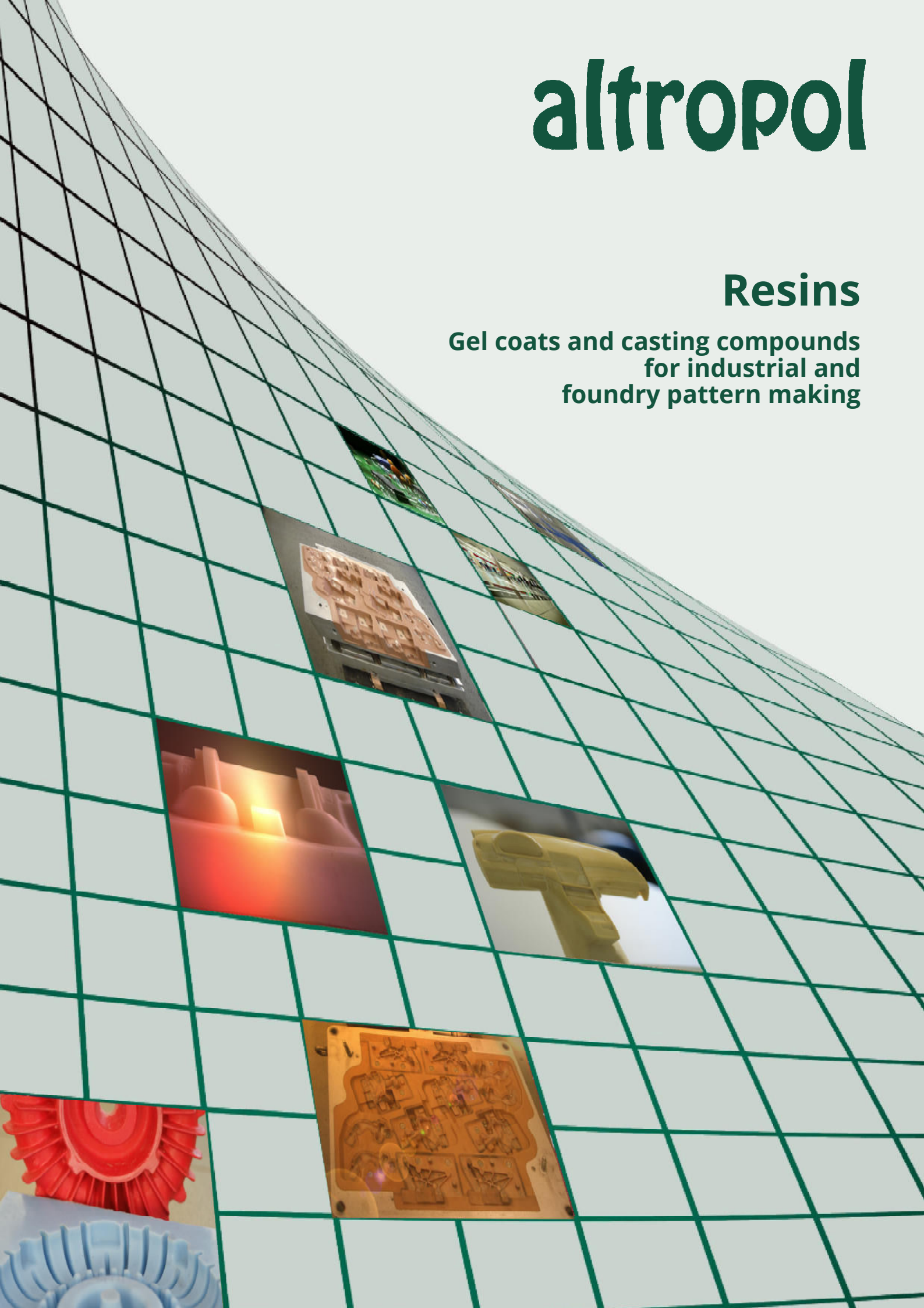
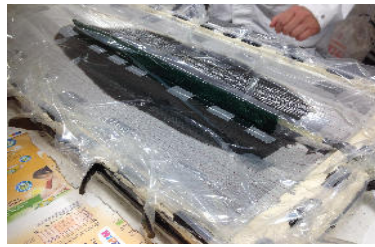


# altropol

## Resins

Gel coats and casting compounds  
for industrial and  
foundry pattern making





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## NEUKADUR Gel Coats

Product	Special features and important properties
NEUKADUR O-Paste black	mould making, abrasion-resistant, metallic, heat-resistant
NEUKADUR O-Paste Alu	mould making, mirror-polished surfaces, heat-resistant
NEUKADUR O-Paste white ZH	foundry duplication models, hard, machinable, solid edges
NEUKADUR O-Paste white K	ceramics and foundry industry, grindable, resistant to alkalis
NEUKADUR O-Paste blue AF new	core boxes, geuge making, smooth, highly resistant to abrasion
NEUKADUR O-Paste 105	mould making, metallic, heat-resistant, very smooth, easy to machine
NEUKADUR KP 105	linked gel coat, mineral filled, heat-resistant, contains glass fibers

## NEUKADUR Laminating Pastes based on Epoxy Resin

Product	Special features and important properties
NEUKADUR LP 285	of long fibers, glass-fiber reinforced, smooth, up to 25 mm thick
NEUKADUR LP 130	of long fibers, outstanding HDT (130 °C), up to 25 mm thick
NEUKADUR LP 722	blended fiber (glass / natural fiber), very smooth, up to 25 mm thick
NEUKADUR LP 900	blended fiber, extra light weight, low odour, up to 25 mm thick

## NEUKADUR Casting Compounds

Produkt	Special features and important properties
NEUKADUR VG	hard, difficult to machine, abrasion-resistant, heat-resistant, Colours: black (standard), grey
NEUKADUR VG B	hard, machinable, abrasion-resistant, heat-resistant, Colour: grey
NEUKADUR VG 3	hard, abrasion-resistant, solid edges, machinable (cutting), Colour: black
NEUKADUR VG Alu	hard, highly resistant to heat, machinable (cutting), castable up to 80 mm, good heat removal
NEUKADUR VG SP 5	hard, machinable, highly resistant to heat (150 °C), castable up to 60 mm, for production of injection moulds
NEUKADUR VG F	good flowability, hard, machinable (cutting), low exothermic reaction, castable 30 - 40 mm, also suitable for thin-walled pieces

## NEUKADUR Polyurethane Fast-Cast Resins, unfilled

Product	Pot life	Special features and important properties
NEUKADUR MultiCast 1	3 - 4 Min.	very low viscosity, very low shrinkage, low exothermic reaction, high layer thicknesses
NEUKADUR MultiCast 2	2 - 3 Min.	low casting viscosity, good through-curing, low shrinkage
NEUKADUR MultiCast 3	2 Min.	low viscosity, low shrinkage, good through-curing while having a relatively long pot life
NEUKADUR MultiCast 4	2 - 3 Min.	low viscosity, low shrinkage, good through-curing while having a relatively long pot life
NEUKADUR MultiCast 5	2 - 3 Min.	very quick-curing, high heat stability
NEUKADUR MultiCast 6	2 Min.	very quick curing even in thin layers
NEUKADUR MultiCast 7	3 - 4 Min.	very high impact strength (also suitable for the production of plastic parts)
NEUKADUR MultiCast 8	4 - 5 Min.	low casting viscosity, quick-curing with a relatively long open time
NEUKADUR MultiCast 10	2 - 3 Min.	very good through-curing, very low shrinkage
NEUKADUR MultiCast 11	7 - 8 Min.	very high impact strength, prototype material
NEUKADUR MultiCast 12	9 - 10 Min.	(fast)-cast resin system, long open time, very low shrinkage
NEUKADUR MultiCast 15	15 Min.	log pot life, relatively short demoulding time, heat stability > 140°C (filled)
NEUKADUR MultiCast 30	50 Min.	low-viscous, long open time, high layer thicknesses possible when filled

## NEUKADUR Polyurethane Fast-Cast Resins, filled

Product	Pot life	Special features and important properties
NEUKADUR MultiCast 20	5 Min.	very good through-curing, low viscous, very fine structure
NEUKADUR MultiCast 21	4 - 5 Min.	good through-curing, low viscous, very fine structure
NEUKADUR MultiCast 22	5 Min.	good through-curing, medium-viscous, very low shrinkage
NEUKADUR MultiCast 23	5 Min.	white, low shrinkage, low-viscous, very good through-curing
NEUKADUR MultiCast 27	70 Min.	very high layer thicknesses possible, long open time, very low exothermic reaction, very low shrinkage
NEUKADUR PN 1611	45 Min.	very low exothermic reaction, machinable, good through-curing

## NEUKADUR Release Agents

Product	Special features and important properties
NEUKADUR Release Agent SE	liquid - based on wax, quick-evaporating
NEUKADUR Release Wax TW	pasty, based on wax
NEUKADUR Release Spray P 6	based on wax, spray can
NEUKADUR Release Spray HT	based on wax, up to ~ 140° C temperature stable
NEUKADUR Release Agent SPT	semi - permanent, spray can

## NEUKADUR Fillers

Product	Special features and important properties
NEUKADUR Filler AL	25 kg bag, Aluminium powder 100, powder density 1400 - 1550 kg/m <sup>3</sup> , for production of tooling boards and castings filled with aluminium powder
NEUKADUR Filler ALAF	25 kg carton, mixture of aluminium and corundum, for casting compounds which have a high abrasion-resistance and can still be polished after grinding
NEUKADUR Aluminium spray Grit	25 kg bucket, spattered, 0,6 - 1,2 mm, purity 97 %, powder density 1400-1550 kg/m <sup>3</sup> , back fillings, machinable
NEUKADUR Aluminium Powder AS 011	25 kg bag, < 65 µ, purity at least 98 %, powder density: 900-1200 kg/m <sup>3</sup> , gel coats, casting compounds, top coat, machinable
NEUKADUR Iron Powder RZ 60	25 kg carton, for back fillings, gel coats, machinable, blasting shot, < 60 µ
NEUKADUR Filler B	25 or 40 kg bucket, mineral filler, gel coats, casting compounds, machinable, addition of a very high proportion of fillers possible
NEUKADUR Filler EKW	25 kg carton, corundum, light, non-machinable, gel coats, casting compounds
NEUKADUR Lightweight Filler P	20 kg bag, lightweight back fillings, moulding plates, cor boxes
NEUKADUR Casting Wood Filler, prewetted	lightweight filler in 1, 2 oder 2,4 kg sack, white, no dust, very easy to machine
NEUKADUR Quartz Powder SH 500	25 kg carton, back fillings being difficult to machine
NEUKADUR Filler MBB	16 kg bucket, mineral filler, easy to machine
NEUKADUR Slate Grit	20 kg bucket, machinable back fillings, vacuum deep-drawing moulds
NEUKADUR Slate Flour	25 kg bucket, gel coats, linked gel coats, etc., powder weight 700±50 g/l

## NEUKADUR Auxiliaries

Product	Special features and important properties
NEUKADUR Tooling Board PU 60	Density approx. 0,70 g/cm <sup>3</sup> , dimensions 1.500 x 500 mm, thickness 50, 75 oder 100 mm
NEUKADUR KL 65	1 kg box, epoxy adhesive, for glueing of tooling board material
NEUKADUR PN 641	1 kg box, polyurethane adhesive, tough-elastic, for glueing of tooling board material
NEUKADUR PUR 2 Cleaning agent	4,5 or 20 kg canister, gently cleans machines and devices from residual resin
NEUKADUR Universal Patching compound, white	polyester patching compound, universally usable
NEUKADUR Universal Patching compound, brown	polyester patching compound, universally usable

The above mentioned products are standard products. On request, we have a large number of further products and modifications as well as variations of the pot lives and processing times at your disposal. For more detailed information on the Altropol products, please refer to the specific technical data sheets which you can also download in the internet under [www.altropol.de](http://www.altropol.de). You can of course also get in direct contact with us. Our application engineers will be well prepared to assist you on site and to answer your questions regarding all the other products of Altropol.



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