



FURNITURE AND BEDDING

POLYURETHANE SYSTEMS FOR
CLASSIC AND MODERN DESIGN

AROFLOW AF 514



Perfection and style become creative art

Ease of use, ease of implementation, excellent accuracy of the details. AROFLOW combines simplicity of use to high production capacity of very complex shapes.



POZZI INDUSTRIES
MADE IN ITALY



FURNITURE AND BEDDING

POLYURETHANE SYSTEMS FOR HARD AND STRUCTURAL FURNITURE

AROFLOW AF 514

The Italian style technology

AROFLOW AF 514 series is a two-part, compact systems that is used to cast lightweight rigid objects with density of 1000 gr/lt. Since these products are self-skinning, cast parts will capture full surface detail of the mold used

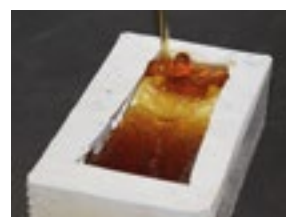
AROFLOW AF 514 is a consolidated type of carving synthetic materials. It has high mechanical properties, simple molding process, high production efficiency and excellent appearance. For **AROFLOW AF 514** production can be used molds in silicon rubber for complex shapes items, or epoxy resin molds for more simple shapes. Production **AROFLOW AF 514** is done either manually or using low pressure machines with ceramic pumps when mineral filler is used. Characteristics are as follows:

- Excellent repetition molding property. It not only can mould certain shape size, but also mould lifelike wood texture and other designs, excellent superficial quality.
- Appearance and feel equal to wood, which could be planed, drilled and carved patterns or design.
- Moulds can be in silicon rubber, epoxy resin or other resin, which are low cost and easy machining.
- Process is simple, fast, high efficiency of qualified.

AROFLOW AF 514 systems find numerous uses in furniture business, hobby, craft, prop and display applications.

PLUS

- EXCELLENT SURFACE
- HIGH QUALITY OF DETAILS
- HIGH DENSITY: 1000 GR/LT
- DOES NOT ABSORB WATER
- COMPLEX SHAPES AND REDUCED THICKNESS
- CAN BE OVERCOATED
- FAST AND EASY PRODUCTION
- EASY TO MANAGE
- VERY LOW VISCOSITY



Specifications and typical properties

Description	Reference standards	Characteristics
Axial withdrawal of screws from the face	EN 320/93	Result of the test on sample with the thickness of mm. 20 average value. 4.350 N
Bending strength	EN ISO 178:2003	Modulus of elasticity 927 Mpa Bending strength 40,6 Mpa
Hardness shore test	EN ISO 868/97	74 Shore D
Tensile strength	EN ISO 527/96	Tensile Streingth 900 Mpa - Tensile Streingth 20 Mpa Elongation at break 3%
Charpy resistance to impact	EN 179-1/2000	Test result 20,4 KJ/m ²
Dynamic mechanical analysis	ASTM D 4065:2006	Beginning of glass transition 50 c°



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