

ebaboard 1220

The new colour for your high abrasion resistant foundry patterns

Tooling resins Blocks Auxiliaries Silicones

ebalta
Solution Takes Shape

ebaboard 1220 is a dimensionally accurate board with suitable adhesive, repair putty and casting resin for your high abrasion resistant patterns, core boxes and pattern plates.

Material	ebaboard 1220		
Colour	orange	Applications	Properties
Density at 20 °C (g/cm ³)	1,21 ± 0,02	- Foundry patterns	- high abrasion resistance
Physical data		- Core boxes	- dimensionally accurate
Flexural strength (Mpa)	120 ± 10	- Pattern plates	- well workable
Flexural modulus (Mpa)	3000 ± 200		- high quality surface
Impact resistance Charpy (kJ/m ²)	60 ± 10	Sales Units (mm)	- good edge strength
Heat resistance (HDT) (°C)	82 ± 4	1000 x 500 x 50	
Shore hardness D	85 ± 3	1000 x 500 x 75	
Coefficient of linear expansion 20 – 50 °C (10 ⁻⁶ K ⁻¹)	approx. 73	1000 x 500 x 100	
Wear jet test W(V/t) [mm ³ /min]	approx. 73	Quantity	
Abrasion Taber Abraser H Application weight 500 g/ 500 Rotations (mm ³)	approx. 29	Successful series production in well-known foundries.	
Material	Adhesive orange	Repair Putty orange	Casting Resin orange
Hardener	PUR 50 Comp. B	PUR 50 Comp. B	PUR 50 Comp. B
Colour	orange	orange	orange
Mixing ratio	100 : 50	100 : 50	100 : 50
Potlife 150 g / 20 °C (min)	14 - 18	4 - 6	11 - 16
Curing time at RT (hrs)	4 - 10	4 - 10	12 - 16
Applications and Properties	Bonding, repairing and modifications of ebaaboard 1220. Adhesive and repair putty can be mixed among each other. Pot life can be adjusted.		

For further questions please contact our international distributors worldwide or our export department. We look forward to you.



Foundry pattern made of ebaaboard 1220.

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