Technical Datasheet

ebazell 260

Basis	**ebazell 260**
Colour	light grey

Applications

- Master models
- Design models
- Arts and crafts
- Inspection models
- Architecture models

Properties

- very fine structure
- very well workable (contains no abrasive fillers)
- dimensionally stable

Processing data

Product		**ebazell 260**
Colour		light grey
Density at 20°C	g / cm^3	0,25 ± 0,01

Physical data

Properties	**Inspect. requirem.**	**Unit**	**Value**
tensile strength perpendicular	ASTM D 1623 Methode A	MPa	4,2 ± 0,8
tensile strength parallel	ASTM D 1623 Methode A	MPa	4,3 ± 0,8
Shear strength perpendicular	ISO 1922	MPa	1,15 ± 0,20
Compressive strength parallel	ISO 844	MPa	4,4 ± 0,2
Compressive strength perpendicular	ISO 844	MPa	4,3 ± 0,2
working operating temperature	-	°C	- 200 bis +80
Heat conductivity 10° C at beginning	-	mW/m°K	42
Heat conductivity 24° C at beginning	-	mW/m°K	43
Heat conductivity 10° C after 10 days	-	mW/m°K	44
Heat conductivity 10° C after 180 days	-	mW/m°K	-
Heat conductivity 24° C after 180 days	-	mW/m°K	45,6
Shore hardness	DIN ISO 7619-1	Shore A	85
Coefficient of thermal expansion	internal test / Dilatometer	$10^{-6}K^{-1}$	50
Dimens. stability X=Length/48h at -25°C	ISO 2796	max %	X-Y 0,5 / Z 0,5
Dimens. stability Y=Length/48h at 100°C	ISO 2796	max %	X-Y 0,5 / Z 0,5
Dimens. stability Z=Length/48h at 70 °C 90% R.F.	ISO 2796	max %	X-Y 0,5 / Z 0,5
Closed-cell character	ASTM D 2856	% min.	>95
Water absorption	ISO 2896	%	<1,0
Permeability of water rapor	ISO 1663	$gr/m^2 24h$	15
Flammability classification	ISO 3582	mm	-
Flammability classification	DIN 4102	class	B 3

Sales units (packages)

ebazell 260	2000 x 1000 x 50 mm 2000 x 1000 x 100 mm 2000 x 1000 x 150 mm 2000 x 1000 x 200 mm further dimensions on request

Processing instructions

The boards are bonded with our “Adhesive for **ebazell** boards“. The glued parts can easily be fixed with clamps or by weight.

For sealing we recommend our primer G 1 for **ebazell**-boards. In order to obtain an optimum surface we recommend to apply the primer twice.

For machining corresponding milling parameters are available

In General

ebazell is a synthetic board material on polyurethane base, which can be easily processed by hand and by machine. The product contains no halogenes, plasticisers, formaldehyde or solvents. No chlorofluorocarbon is used during manufacture, it is proven biologically friendly.

Advantages:

Very fine surface structure
Easy to machine, contains no abrasive fillers
No sandy surface

Dimensional tolerance of 1-2 % is possible.

"VP"-products are experimental products.
Small changes regarding technical data are still possible.

Storing

In dry and closed places storage of the material is unlimited.

Safety measure

ebazell material is a cured filled polyaddition product, no hazardous dusts when grinding.
Anyway the quantity of dusts coming from mechanical treatment of wood and metal 6 mg/m³
(MAC-value)- must not be exceeded.

According to regulations for hazardous products all **ebaboard** products are not to be marked for transport and storage. Please follow safety advices !

Waste Disposal

Small quantities can be disposed as domestic waste. For big quantities, contact your local authorities, please.
In case of further questions please do not hesitate to contact our department for product safety.