



Polyurethane Based, Tooling Board Materials VAL- EB690

Light filled epoxy board with high temperature resistance..

Application	<ul style="list-style-type: none"> ● Master models ● Prepreg tools ● Vacuum forming 																		
Key Properties	<ul style="list-style-type: none"> ● High temperature resistance ● Low expansion ● Good surface 																		
Physical Data	<table border="1"> <thead> <tr> <th></th> <th>Index</th> </tr> </thead> <tbody> <tr> <td>Density g/cm³ (approx.)</td> <td>0.69 ± 3%</td> </tr> <tr> <td>Color</td> <td>Light blue</td> </tr> <tr> <td>Compressive Strength MPa (DIN EN ISO 604)</td> <td>55-65</td> </tr> <tr> <td>Flexural strength, (DIN EN ISO 178)</td> <td>32-40 N/mm²</td> </tr> <tr> <td>Linear Thermal Expansion Co-efficient</td> <td>38-42 x10^{-6k-1}</td> </tr> <tr> <td>Abrasion resistance, Taber value</td> <td>800-1000mm³</td> </tr> <tr> <td>Shore D (DIN 53505)</td> <td>76</td> </tr> <tr> <td>Heat distortion, ISO 75</td> <td>138°C</td> </tr> </tbody> </table>		Index	Density g/cm ³ (approx.)	0.69 ± 3%	Color	Light blue	Compressive Strength MPa (DIN EN ISO 604)	55-65	Flexural strength, (DIN EN ISO 178)	32-40 N/mm ²	Linear Thermal Expansion Co-efficient	38-42 x10 ^{-6k-1}	Abrasion resistance, Taber value	800-1000mm ³	Shore D (DIN 53505)	76	Heat distortion, ISO 75	138°C
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Storage	Boards, finished tools and models should be stored flat in dry conditions. Temperature variations should be kept as moderate as possible.																		
Handling & Precaution	Valpolymer products are generally quite harmless to handle provided that certain precautions normally taken when handling chemicals are observed.																		

Available dimension (length x wide x thickness/mm):

1500 X 500 X 50
1500 x 500 x 75
1500 x 500 x 100

www.val-tool.com

Valpolymer S.r.l

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