Fire Fiber® Door Core
Agrifiber Particle Board Technical Data Sheet
APB 20 / APB 45 / 45W
Fire Rated Door Core

The physical properties of the Lexington agrifiber panel products referred to in this data sheet represent typical average values obtained in accordance with ASTM, ANSI and (Intertek)/Warnock Hersey test methods and are subject to normal manufacturing variations. The values are supplied as a technical service and are subject to change without notice. Check with your Lexington Manufacturing representative to assure current information.

All agrifiber panels supplied by Lexington Manufacturing are greater than 90% rapidly renewable, >90% post consumer recycle content, biodegradable; contain no added urea formaldehyde.

Technical Data:

**Applicable Standard Tests ~ 20 / 45/60 Minute Fire Rating**
- UBC Standard 7-2 (1997) "Fire Tests of Door Assemblies"
- NFPA 252 (2008)
- CAN4 S104 (1985)
- UL 10C (2001)

**Physical Properties:**

**LD-1**

<table>
<thead>
<tr>
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<tbody>
<tr>
<td>Modulus of Rupture</td>
<td>ASTM D1037</td>
<td>&gt; 406 psi</td>
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<tr>
<td>Modulus of Elasticity</td>
<td>ASTM D1037</td>
<td>72,500 psi</td>
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<tr>
<td>Face Screw Holding</td>
<td>ASTM D1037</td>
<td>&gt; 81 lbs</td>
</tr>
<tr>
<td>Internal Bond</td>
<td>ASTM D1037</td>
<td>&gt; 15 psi</td>
</tr>
<tr>
<td>Density</td>
<td></td>
<td>28-32 lbs/ft³</td>
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</tbody>
</table>

* Agrifiber panel products have been tested to ASTM designation: D1037 and ANSI/A208.1 standards. Testing performed on 1.59" thickness.
* Technical specifications shown in this literature are based on averages of normal production.

**Product Specifications:**

- Optimized panels to maximum a range: 24.375” - 48” width x 62” – 120” Length
- Solid panels 48” x 96”
- Board Thickness: 1.485” - 1.625”

**Product Information:**

For more information on Lexington Manufacturing Door Components, call Customer Service center at (218) 454 - 7173 or visit our website at www.lexingtonmfg.com

Revision Date: 2015