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Attention: Bill Reinhardt  
**Rumber Materials, Inc.**  
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W/O. No.: RUM004-06-28-88928-1  
P.O. No.:  
Report Date: 7/13/2005

**Identification:** Rumber Boards 6040

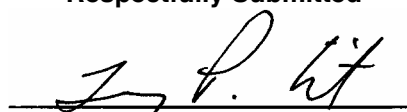
**MATERIAL PROPERTY TESTING**

TEST	METHOD	RESULT
Flash Ignition Temperature	ASTM D1929	620°F (327°C)
Self Ignition Temperature	ASTM D1929	820°F (438°C)
Flame Spread	ASTM D635	7 minutes, 30 seconds average over a 3" length, consumed 100%
Abrasion Resistance	ASTM D1037 ASTM F510	0.028% mass loss in 1,000 cycles 22.72 mm <sup>3</sup> volume loss in 1,000 cycles
Water Absorption	ASTM D1037	No water absorption
Water Absorption	ASTM D570	0.43%
Density	ASTM D792	0.924 g/cc
Specific Gravity	ASTM D792	0.982
Coefficient of Friction	ASTM C1028 ASTM D2394	Static coefficient of friction: Dry = 0.49. Wet = 0.46 Sliding coefficient of friction: Dry = 0.56 Wet = 0.54
Compressive Strength Modulus	ASTM D143	37,225 psi
Modulus of Elasticity	ASTM D4761	21,405 psi in center point loading of typical board 15,290 psi in center point loading for tongue/groove board
Modulus of Elasticity (Flexural Modulus)	ASTM D198	29,815 psi in two point loading of typical board 23,960 psi in two point loading of tongue/groove board
Coefficient of Linear Thermal Expansion	ASTM D696	6.1 x 10 <sup>-5</sup> (in/in. °C)

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Stork SWL, is an operating unit of Stork Materials Technology B.V., Amsterdam, The Netherlands, which is a member of the Stork group

**Respectfully Submitted**

  
Terry Wilt  
Manager, Product Evaluation