

# *Material Certificate*

## *Natural Ties*

This is to certify that American Elite Molding, manufactures with Nylon 6/6.

### **Specifications and Regulations**

**ASTM** – Conforms to ASTM D-4066 PA 0111

**Federal** – Conforms to Federal Specification LP-410a

**Military** – Conforms to Military Specification MIL-M-20693B

**FDA** – Complies with 21 CFR 177-1500

Our ties are manufactured from Vydne® nylon resin. The resin is formulated and manufactured to meet the relevant requirements of the U.S. Food and Drug Administration (FDA) regulation 21 CFR 177.1500 and the EC (European Commission) Directive 2002/72/EC (previously 90/128/EC and amendments). All additives used in this material are sanctioned for use in food-contact materials by the U.S. Food and Drug Administration (FDA). The EC Directive (Annex III) lists a Specific Migration Limit (SML) for the following materials that may be contained in this resin: hexamethylene diamine.

There are no limitations placed on the use of this material for food contact applications other than what is suitable for the intended purpose.

**Gamma Radiation Resistance** – Nylon 66 (PA66) meets gamma radiation resistance criteria up to 2 MRads.

**RoHS Compliant:**                      RoHS Compliant

<b>Parameter</b>	<b>Test Condition</b>
<b>Temperature Index (°C)</b>	UL 746B
Electrical	130
Mechanical w/Impact	75
Mechanical w/o Impact	85
<b>Hot Wire Ignition (Rating)</b>	UL 746A
<b>Flammability Class (Rating)</b>	UL94 V2
<b>Country of Origin: USA</b>	
<b>Operating Temp: -40<sup>0</sup> F - 185<sup>0</sup>F</b>	


  
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