



*ALM Custom Resins Polymeric Resources*

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## **NYLAMID 1010 BK**

**Nylamid 1010 BK is an economical, utility grade nylon 6/6 used for injection molding.**

### **Typical Properties**

<u><b>PROPERTY</b></u>		<u><b>METHOD</b></u>	<u><b>VALUE</b></u>
<b>Specific Gravity</b>		<b>D 792</b>	<b>1.12</b>
<b>Melting Point</b>	<b>F ( C)</b>	<b>D3418</b>	<b>504 (262)</b>
<b>Tensile Strength</b>	<b>psi (MPa)</b>	<b>D 638</b>	<b>10,500 (72)</b>
<b>Elongation at Break</b>	<b>(%)</b>	<b>D 638</b>	<b>25</b>
<b>Flexural Modulus</b>	<b>psi (MPa)</b>	<b>D 790</b>	<b>358,000 (2,470)</b>
<b>Izod Impact at 23 C</b>	<b>ftlb<sub>f</sub>/in (J/m)</b>	<b>D 256</b>	<b>1.23 (66)</b>
<b>DTUL @ 1820 kPa</b>	<b>F ( C)</b>	<b>D 648</b>	<b>147 (64)</b>

**Testing conducted on dry-as-molded specimens at 73 F**