

**Polypropylene** is used in environments where chemical effects on polyamide are a concern. It is not affected by inorganic acids (hydrochloric), polyhydric alcohols (ethyleneglycol), neutral salts (sodium chloride) and basic salts (sodium bicarbonate). Polypropylene also resists a number of other chemicals with good results, although it has lower tensile strength than polyamide 6.6 (about half). Polypropylene has good UV resistance.

**Material Data**

<b>Common Abbreviation:</b>	PP
<b>Minimum Operating Temperature:</b>	-40 °F (-40 °C)
<b>Maximum Operating Temperature:</b>	239 °F (115 °C)
<b>Tensile Strength:</b>	3,400 PSI
<b>UL Flame Rating:</b>	94-HB
<b>Gamma:</b>	1 x 10 <sup>5</sup> Rads
<b>UV Resistance:</b>	Good
<b>Military/Federal ATM Specification:</b>	ASTM D-4101PP0327