



"Rapid Prototyping
Specialists"

Flame Retardant Polyurethane Materials

	<u>Polyurethane 910-5</u>	<u>Polyurethane 910C</u>	<u>Polyurethane 3310</u>
<i>Natural Appearance</i> (can be colored)	Trans. / light amber	Trans. / light amber	Clear amber
<i>Hardness</i>	84 Shore D	87 Shore D	85 Shore D
<i>Tensile Strength *</i>	8,400 psi	10,600 psi	12,600 psi
<i>Elongation</i>	4.0%	2.5%	7.7%
<i>Modulus of Elasticity</i>	318,000 psi	350,000 psi	461,000 psi
<i>Flexural Strength</i>	9,700 psi	13,600 psi	16,500 psi
<i>Flexural Modulus of Elasticity *</i>	370,000 psi	390,000 psi	315,000 psi
<i>Izod Impact-Notched</i>	0.47 ft-lb _f /in	0.34 ft-lb _f /in	0.51 ft-lb _f /in
<i>Izod Impact-Unnotched</i>	0.98 ft-lb _f /in	1.60 ft-lb _f /in	2.20 ft-lb _f /in
<i>Charpy Impact Strength</i>	-	-	-
<i>Heat Distortion Temperature (° F) *</i>	225 @ 66psi	245 @ 66psi	190 @ 66psi 170 @ 264psi
<i>Flame Retardant</i>	Meets UL 94V-0	Meets UL 94V-0	Meets UL 94V-0

***NOTE:** 1/32" milled glass filler can be added to enhance the above properties if desired. The above properties do not include glass.

Thank you for considering **PERIDOT** for your Rapid Prototyping needs. Visit us at www.peridotinc.com.

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