



Technical Data Sheet

MATERIAL:	Polycarbonate																
CATALOG NUMBER:	954																
CAS NUMBER:	103598-77-2																
DESCRIPTION:	Poly(bisphenol-A carbonate)																
FORMULA:	$(C_{16}H_{14}O_3)_x$																
TYPICAL PROPERTIES:	<table><tr><td>Appearance:</td><td>Pellets</td></tr><tr><td>Approx Mw:</td><td>36,000 [GPC]</td></tr><tr><td>Density:</td><td>1.20</td></tr><tr><td>Refractive index:</td><td>n_D^{20} 1.586</td></tr><tr><td>Melt flow index:</td><td>22 g/10min</td></tr><tr><td>Vicat softening point:</td><td>147°C</td></tr><tr><td>Glass transition temp:</td><td>149°C</td></tr><tr><td>Solubility:</td><td>Chloroform, dioxane, DMF, methylene chloride, pyridine, THF</td></tr></table>	Appearance:	Pellets	Approx Mw:	36,000 [GPC]	Density:	1.20	Refractive index:	n_D^{20} 1.586	Melt flow index:	22 g/10min	Vicat softening point:	147°C	Glass transition temp:	149°C	Solubility:	Chloroform, dioxane, DMF, methylene chloride, pyridine, THF
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GENERAL INFORMATION:	Polycarbonates possess exceptionally high impact strength, combined with good electrical properties, thermal stability and creep resistance. Major uses have included glazing, lighting, appliances, signs, electronic parts and bottles.																
STRUCTURE:																	

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