



Technical Data Sheet

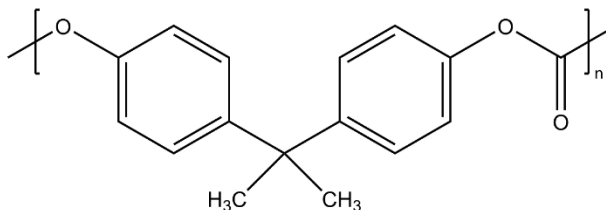
MATERIAL:	Polycarbonate
CATALOG NUMBER:	035
CAS NUMBER:	111211-39-3
DESCRIPTION:	Poly(bisphenol-A carbonate)
FORMULA:	$(C_{16}H_{14}O_3)_x$

TYPICAL PROPERTIES:

Appearance:	Pellets
Approx Mw:	45,000 [GPC]
Density:	1.20
Refractive index:	n_D^{20} 1.586
Melt flow index:	10 g/10 min
Vicat softening point:	151°C
Glass transition temp:	149°C
Solubility:	Chloroform, dioxane, DMF methylene chloride, pyridine, THF

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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