



Technical Data Sheet

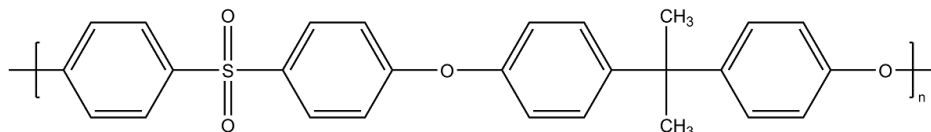
MATERIAL:	Polysulfone
CATALOG NUMBER:	046
CAS NUMBER:	25135-51-7
DESCRIPTION:	Aromatic polysulfone
FORMULA:	$(C_{27}H_{22}O_4S)_x$

TYPICAL PROPERTIES:

Appearance:	Pellets
Approx Mw:	60,000 [GPC]
Melting point:	230°C
Refractive index:	n_D^{20} 1.633
Density:	1.24
Glass transition temp:	190°C
Melt flow index:	6.5 g/10 min.
Solubility:	Aromatic hydrocarbons, chlorinated hydrocarbons, DMF, esters, ketones, THF

GENERAL INFORMATION:

These polysulfones can be readily processed by injection molding and finds use un applications where heat resistance, dielectric properties and mechanical strength are required. The polymer has found use in housings for electrical and domestic appliances, computer components and electrical switches.

STRUCTURE:

Technical information and data regarding the composition, properties or use of the products described herein is believed reliable. However, no representation or warranty is made with respect thereto except as made by Sp² in writing at time of sale. Sp² cannot assume responsibility for any patent liability which may arise from the use of any product in a process, manner or formula not designed by Sp².