



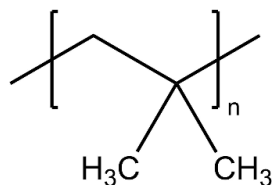
## Technical Data Sheet

<b>MATERIAL:</b>	Polyisobutylene
<b>CATALOG NUMBER:</b>	040E
<b>CAS NUMBER:</b>	9003-27-4
<b>DESCRIPTION:</b>	Homopolymer of isobutylene
<b>FORMULA:</b>	$(C_4H_8)_x$

**TYPICAL PROPERTIES:**

Appearance:	Fused mass
Viscosity avg Mw:	4,700,000 [GPC]
Intrinsic viscosity:	5.56-7.23
Density:	0.92 (20°C)
Refractive index:	$n_D^{20}$ 1.51
Glass transition temp:	-61°C
Solubility:	Non-polar organic solvents (i.e. aliphatic, aromatic, cyclic and halogenated hydrocarbons), THF

**GENERAL INFORMATION:** Typical applications include adhesive formulations, sealants, coating compounds and chewing gum.

**STRUCTURE:**

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