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Technical Data Sheet

MATERIAL: Poly(methyl methacrylate)

CATALOG NUMBER: 424

CAS NUMBER: 9011-14-7

DESCRIPTION: Homopolymer of methyl methacrylate

FORMULA: $(C_5H_8O_2)_x$

TYPICAL PROPERTIES:

Appearance: Powder

Approx Mw: 15,000 [GPC]

Density: 1.20
Inherent viscosity: 0.11
Refractive index: n_D^{20} 1.490
Glass transition temp: 88°C

Solubility: Acetone, benzene, chloroform,

MEK, THF

GENERAL INFORMATION: Polymethyl methacrylates are characterized by crystal clear

transparency, unexcelled weatherability and a useful combination of stiffness, density and toughness. Applications include adhesives, inks and a wide variety of coating formulations for plastics, metals, concrete,

wood and paper.

STRUCTURE:

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