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Technical Data Sheet

MATERIAL: Poly(lauryl methacrylate)

CATALOG NUMBER: 168

CAS NUMBER: 25719-52-2

DESCRIPTION: Poly(dodecyl methacrylate), solution in toluene

FORMULA: $(C_{16}H_{30}O_2)_x$

TYPICAL PROPERTIES:

Appearance: Liquid

Approx Mw: 250,000 [GPC]

Density: 0.929
Glass transition temp: -65° C
Refractive index: n_D^{20} 1.474
Flash point: 40°F
Solubility parameter: 8.2

Solubility: Benzene, heptane, MEK, THF,

toluene, xylene

GENERAL INFORMATION: Toluene solution of homopolymer of lauryl methacrylate.

STRUCTURE:

$$R = * \underbrace{ CH_3}_{11}$$