



## Technical Data Sheet

**MATERIAL:** Polystyrene

**CATALOG NUMBER:** 1024

**CAS NUMBER:** 9003-53-6

**DESCRIPTION:** Styrene homopolymer

**FORMULA:**  $(C_8H_8)_x$

**TYPICAL PROPERTIES:**

Appearance:	Granular
Approx Mw:	1,200
Refractive index:	$n_D^{25}$ 1.60
Density:	1.06
Flash point:	>392°F
Softening point(R&B):	74°C
Tg:	35°C
Solubility:	Benzene, MEK, THF, toluene, xylene

**GENERAL INFORMATION:** Low molecular weight polystyrenes are typically used in adhesives, coatings and related applications where durability and resistant to weather, chemicals and shock are required. Specific applications included paper coatings, lamination and electrical insulation.

**STRUCTURE:**

