

Technical Data Sheet

MATERIAL:	Polystyrene	
CATALOG NUMBER:	400	
CAS NUMBER:	9003-53-6	
DESCRIPTION:	Styrene homopolymer	
FORMULA:	$(C_8H_8)_x$	
TYPICAL PROPERTIES:	Appearance: Approx Mw: Refractive index: Density: Flash point: Softening point(R&B): Solubility:	Beads 45,000 [GPC] [Bimodal] n_D^{25} 1.60 1.05 560°F 125°C 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:		

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