

Technical Data Sheet

MATERIAL:	Polyacrylonitrile	
CATALOG NUMBER:	134	
CAS NUMBER:	25014-41-9	
DESCRIPTION:	Homopolymer of acrylonitrile	
FORMULA:	(C ₃ H ₃ N) _x	
TYPICAL PROPERTIES:	Appearance: Approx Mw: Refractive index: Density: Glass transition temp: Melting point: Relative viscosity: Solubility parameter: Solubility:	Powder 150,000 n _D ²⁵ 1.5187 1.184 125°C 317°C 1.45 15.4 Adiponitrile, DMAC, DMF, DMSO
GENERAL INFORMATION:	Can be cast from solvent to produce a tough, durable, dimensionally stable plastic resistant to acids, brine, aliphatic hydrocarbons, ultraviolet light, etc.	
STRUCTURE:		

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