



Technical Data Sheet

MATERIAL: Polypropylene, atactic

CATALOG NUMBER: 783

CAS NUMBER: 9003-07-0

DESCRIPTION: Atactic propylene homopolymer

FORMULA: (C₃H₆)_x

TYPICAL PROPERTIES:

Appearance:	Soft, tacky solid
Approx Mw:	10,000
SSU viscosity:	3,150 (99°C)
Density:	0.74 (25°C)
Softening point:	20°C
Flash point:	> 470°F
Solubility:	Chlorinated hydrocarbons, diethyl ether, hydrocarbons, isoamyl acetate, toluene; insoluble in more polar solvents with small hydrocarbon groups even at elevated temperatures

GENERAL INFORMATION: Atactic polypropylene is non-crystalline and is produced as a by-product in Ziegler-Natta polymerizations. Applications include paper packaging coatings, corrosion protection wraps, road markings, melt adhesives, sealants and lubricants.

STRUCTURE: