

Technical Data Sheet

MATERIAL:	Poly(1-butene), isotactic	
CATALOG NUMBER:	338	
CAS NUMBER:	25036-29-7	
DESCRIPTION:	Isotactic 1-butene homopolymer	
FORMULA:	$(C_4H_8)_x$	
TYPICAL PROPERTIES:	Appearance: Approx Mw: Density: Refractive index: Melt index: Glass transition temp: Melting point: Vicat softening point: Solubility:	Pellets 570,000 0.915 n_D^{25} 1.5125 0.4 g/10min $-24^{\circ}C$ $125^{\circ}C$ $113^{\circ}C$ (above 80°C) Benzene, chloroform, α -chloronaphthalene, decalin, tetralin, toluene
GENERAL INFORMATION:	Prepared by polymerization of 1-butene with Ziegler-Natta catalyst. Heated to 190°C and above, poly(1-butene) can be compression or injection molded. Typical applications include piping, packaging and hot melt adhesives.	

STRUCTURE:

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