



Technical Data Sheet

MATERIAL: Poly(4-methyl-1-pentene)

CATALOG NUMBER: 383

CAS NUMBER: 25068-26-2

DESCRIPTION: Homopolymer of 4-methyl-1-pentene

FORMULA: $(C_6H_{12})_x$

TYPICAL PROPERTIES:

Appearance:	Beads
Melt flow index:	26 g/10min
Density:	0.835
Refractive index:	n_D^{20} 1.463
Melting point:	235°C
Vicat softening point:	173°C
Glass transition temp:	31°C
Solubility:	Aliphatic and cycloaliphatic hydrocarbons (all above 80°C)

GENERAL INFORMATION: Poly(4-methyl-1-pentene) is predominantly isotactic and crystalline. With a melting point of 235°C and a high vicat softening point, poly(4-methyl-1-pentene) lends itself to applications where transparency and heat resistance are required, e.g. medical and laboratory ware, ovenware, baking cartons, release paper and heat-resistant wire and cable.

STRUCTURE: