



Technical Data Sheet

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

CATALOG NUMBER: 382

CAS NUMBER: 25068-26-2

DESCRIPTION: Homopolymer of 4-methyl-1-pentene

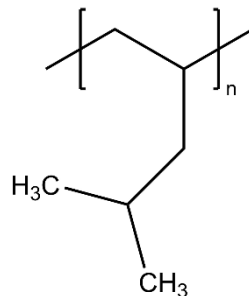
FORMULA: $(C_6H_{12})_x$

TYPICAL PROPERTIES:

Appearance:	Beads
Melt flow index:	70 g/10min
Density:	0.830
Refractive index:	n_D^{20} 1.463
Melting point:	240°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:



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