Moplen HP602N Data Sheet

PolyMirae

Houseware

Moplen HP602N is a homopolymer selected by customers for use in injection molding of housewares articles, toys, packaging, and closures.
Moplen HP602N resin meets the FDA requirements in the Code of Federal Regulations in 21 CFR 177.1520 for food contact.

Product Features

Optimized balance of stiffness and toughness/Low warpage/Easy processing/Excellent color and processing stability/Outstanding gloss and surface appearance

Typical Applications

Houseware articles/Toy/Closures

Typical Resin Properties (a)	ASTM	Value
Melt Flow Rate (230℃,2.16kg) (g/10min)	D 1238L	12
Density (g/㎤)	D 1505	0.9
Flexural Modulus (kg/㎠)	D 790	16000
Tensile Strength at Yield (kg/㎠)	D 638	350
Elongation at Yield (%)	D 638	12
Izod Impact Strength(23℃) (kg㎝/㎝)	D 256	3
Rockwell hardness (R scale)	D 785	104
HDT(0.46N/mm2) (℃)	D 648	107

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b) This grade is not suitable for medical applications.

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