

MAG 5402

MAG5402 is high quality homopolymer polypropylene resin in granule form for injection molding products such as housewares, containers, cutlery, toys, etc

APPLICATION:

- Housewares
- Closures
- Containers
- Cutlery
- Toys

CHARACTERISTICS:

- Outstanding processability
- Good impact strength
- Microwavable



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www.polytama.co.id

**OUT-
STANDING
PROCESS-
ABILITY**



PHYSICAL PROPERTIES:

Application	Unit	Standard Method	Typical Value
Melt Flow Index	gram/10 min	ASTM D1238/L	12.0
Tensile Strength at Yield	Mpa	ASTM D638	> 34
Elongation at Yield	%	ASTM D638	> 8
Flexural Modulus	Mpa	ASTM D747	> 1550
Notched Izod Impact	J/m	ASTM D256	> 30
Density	gram/cm ³	ASTM D1505	< 0.91
Total Volatiles	%	PP 15754	< 0.1
Melting Temperature	°C	DSC	165
HDT at 66 psi	°C	ASTM D648	92 - 95
Vicat Softening Temperature	°C	ASTM D1525L	152 - 155
Bulk Density	gram/cm ³	ASTM 1839	> 0.46

* Values presented are typical laboratory average. Actual values may vary within moderate range.

** Improvements or amendments may apply to any product without alteration to the product code

REGULATORY COMPLIANCE

This product complies to domestic and international recommendations and regulations regarding safety of materials used for food packaging, such as:

- ISO 22000 : 2015 for Food Safety Management System
- SNI No. 0594 : 2011 about Polypropylene
- BPOM RI Regulation No. HK. 03.1.23.07.11.6664 in 2011 about Supervision of Food Packaging
- CONEG Legislation on Packaging Material in the United States 2012 about Heavy Metal Content
- Halal Certification from Majelis Ulama Indonesia (Indonesian Council of Ulama)