



MAS
5402

INJECTION

We understand that high
product quality is critical to
the people we serve



**OUT-
STANDING
PROCESS-
ABILITY**

MAS 5402

MAS5402 is high quality homopolymer polypropylene resin in pellet form for injection molding products such as housewares, containers, cutlery, toys, etc

APPLICATION:

- Housewares
- Closures
- Containers
- Cutlery

CHARACTERISTICS:

- Outstanding processability
- Good impact strength
- Microwaveable



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

- * 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



Head Office:

Jl. Jend. Sudirman Kav. 10-11
MidPlaza 2, 20th floor
Jakarta 10220, Indonesia
P : +62 234 428 002
F : +62 21 5703883
F : +62 21 5704689

Plant Site:

Jl. Raya Juntinyuat Km. 13
Kecamatan Juntinyuat
Kabupaten Indramayu
P : +62 234 428 002
F : +62 234 428 616

www.polytama.co.id

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)