

## Formosa Plastics Formolene® 6510A Injection Molding Polypropylene

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene, Molded

### Material Notes:

Impact Copolymer Applications: Closures, Housewares, Small Appliance, Battery Cases and Lids Formolene 6510A is a medium impact copolymer of polypropylene characterized by its easy mold flow, physical property balance and excellent dimensional stability. It contains a unique blend of stabilizers which give it excellent processing and usage performance. Meets all requirements of the U.S. Food and Drug Administration as specified in 21 CFR 177.1520, covering safe use of polyolefin articles intended for direct food contact. Specimens were injection molded according to the conditions specified in ASTM D4101. Information provided by Formosa Plastics Corporation, USA.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Formosa-Plastics-Formolene-6510A-Injection-Molding-Polypropylene.php](http://www.lookpolymers.com/polymer_Formosa-Plastics-Formolene-6510A-Injection-Molding-Polypropylene.php)

Physical Properties	Metric	English	Comments
Density	0.900 g/cc	0.0325 lb/in <sup>3</sup>	ASTM D1505
Melt Flow	10 g/10 min @Temperature 230 °C	10 g/10 min @Temperature 446 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	100	100	ASTM D785
Tensile Strength, Yield	25.2 MPa	3650 psi	2" (50mm) per min.; ASTM D638
Elongation at Yield	7.0 %	7.0 %	2" (50mm) per min.; ASTM D638
Flexural Modulus	1.14 GPa	165 ksi	1.3mm per min, 1% secant; ASTM D790
Izod Impact, Notched	1.33 J/cm	2.50 ft-lb/in	ASTM D256

## Contact Songhan Plastic Technology Co.,Ltd.

Website : [www.lookpolymers.com](http://www.lookpolymers.com)

Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215, Fengxian District, Shanghai City, China