

# SÉEETEC M1400

PP Block copolymer

## Applications

- Housewares, Filter Case, Pails, Toys

## Description

- SÉEETEC M1400 is a polypropylene block copolymer for injection molding applications. It exhibits a good balance of stiffness and impact strength. This grade meets the FDA requirement in the code of Federal Regulations in 21 CFR 177.1520 for food contact.

## Typical properties

Characteristics	Test Method	Unit	Value
<b>Physical<sup>(1)</sup></b>			
Density	ASTM D1505	g/cm <sup>3</sup>	0.9
MFR(230℃, 2.16Kg)	ASTM D1238	g/10min	8
<b>Mechanical<sup>(2)</sup></b>			
Tensile Strength at Yield	ASTM D638 <sup>(3)</sup>	Mpa	25
Elongation at Break	ASTM D638 <sup>(3)</sup>	%	300
Flexural Modulus	ASTM D790 <sup>(4)</sup>	Mpa	1200
Izod Impact Strength (Notched, 23℃)	ASTM D256	J/m	117
Izod Impact Strength (Notched, -20℃)			39
Hardness(R-scale)	ASTM D785	-	90
<b>Thermal</b>			
Vicat Softening point (1kgf)	ASTM D1525	℃	150
Heat Deflection Temperature (4.6kgf/cm <sup>2</sup> )	ASTM D648	℃	105

(1) The properties data in this table are typical values, and not guaranteed specification.

(2) Typical resin property values are measured on a standard compression molded specimens

(3) Speed of 50 mm/min.

(4) Speed of 28 mm/min.

The actual processing conditions of our products may vary and are beyond our control, establishing satisfactory performance of the resin for the intended application is the customer's responsibility.

### For additional sales, order and technical assistance

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