

# SÉETEC M1850

PP Block copolymer

## Applications

- Yogurt Container(Thin Wall Container), Large food container

## Description

- SÉETEC M1850 is a polypropylene block copolymer for thin wall injection molding application showing an excellent flow property, high stiffness and good impact resistance. The material is nucleated with Nucleation Technology for cycle time reduction and has good antistatic property for mould release. This grade meets the FDA requirement in the code of Federal Regulations in 21CFR177.1520 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 °C, 2.16Kg)	ASTM D1238	g/10min	70
<b>Mechanical<sup>(2)</sup></b>			
Tensile Strength at Yield	ASTM D638 <sup>(3)</sup>	Mpa	26
Elongation at Break	ASTM D638 <sup>(3)</sup>	%	<100
Flexural Modulus	ASTM D790 <sup>(4)</sup>	Mpa	1600
Izod Impact Strength (Notched, 23 °C)	ASTM D256	J/m	53
Izod Impact Strength (Notched, -20 °C)			34
Hardness(R-scale)	ASTM D785	-	95
<b>Thermal</b>			
Vicat Softening point (1kgf)	ASTM D1525	°C	151
Heat Deflection Temperature (4.6kgf/cm <sup>2</sup> )	ASTM D648	°C	120

(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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