



SÉETEC M1685

PP Block copolymer

Applications

- Automotive Compounding Base, Industrial Parts

Description

- SEETEC M1685 is a high crystallinity polypropylene block copolymer for injection molding applications. This grade exhibits an excellent stiffness, good impact resistance, high heat resistance as well as high productivity by cycle time reduction.

Typical properties

Characteristics	Test Method	Unit	Value
Physical⁽¹⁾			
Density	ASTM D1505	g/cm ³	0.9
MFR(230 °C, 2.16Kg)	ASTM D1238	g/10min	30
Mechanical⁽²⁾			
Tensile Strength at Yield	ASTM D638 ⁽³⁾	Mpa	31
Elongation at Break	ASTM D638 ⁽³⁾	%	<50
Flexural Modulus	ASTM D790 ⁽⁴⁾	Mpa	1900
Izod Impact Strength (Notched, 23 °C)	ASTM D256	J/m	60
Izod Impact Strength (Notched, -20 °C)			30
Hardness(R-scale)	ASTM D785	-	105
Thermal			
Vicat Softening point (1kgf)	ASTM D1525	°C	152
Heat Deflection Temperature (4.6kgf/cm ²)	ASTM D648	°C	135

(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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