SÉETEC M1810

PP Block copolymer

Applications

- Large Containers, Automotive Parts, Housewares

Description

- SEETEC M1810 is a polypropylene block copolymer controlled rheology 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
Physical(1)			
Density	ASTM D1505	g/㎤	**0.9**
MFR(230℃,2.16Kg)	ASTM D1238	g/10min	**60**
Mechanical(2)			
Tensile Strength at Yield	ASTM D638(3)	Mpa	**25**
Elongation at Break	ASTM D638(3)	%	**<100**
Flexural Modulus	ASTM D790(4)	Mpa	**1200**
Izod Impact Strength (Notched, 23℃)	ASTM D256	J/m	**68**
Izod Impact Strength (Notched, -20℃)			**39**
Hardness(R-scale)	ASTM D785	-	**90**
Thermal			
Vicat Softening point (1kgf)	ASTM D1525	℃	**150**
Heat Deflection Temperature (4.6kgf/cm^2)	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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