SÉETEC R3450

PP Random Copolymer

Applications

- CPP FILM (High Slip)

Description

- SEETEC R3450 is a polypropylene-ethylene random copolymer designed for the production of cast films. It has a good clarity due to the optimum content of ethylene and offers optimum balance between optical properties and physical strength. It is suitable for the skin layer of co-extruded cast film in food packaging or semi retort pouch being required high slip and medium heat seal temperature. SEETEC R3450 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	**8**
Mechanical(2)			
Tensile Strength at Yield	ASTM D638(3)	MPa	**26**
Elongation at Break	ASTM D638(3)	%	**> 500**
Flexural Modulus	ASTM D790(4)	Mpa	**900**
Izod Impact Strength (Notched, 23℃)	ASTM D256	J/m	**50**
Hardness(R-scale)	ASTM D785	-	**82**
Thermal			
Vicat Softening point (1kgf)	ASTM D1525	℃	**134**
Heat Deflection Temperature (4.6kgf/cm^2)	ASTM D648	℃	**80**

(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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