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KOPELEN FC-330R

PP BLOCK COPOLYMER

General Information

Description

FC-330R is impact block copolymer for films.

FC-330R offers low level fish-eye and high strength as well as excellent impact resistance due to the ideal combination of highly crystalline homo matrix and optimum rubber morphology control.

It also has exceptional heat resistance which leads to excellent performance during retort sterilization process.

Applications

- ◆ CPP film for retort packaging

Physical Properties¹

Physical Properties ¹					
Physical	Test Method	Nominal Values			
Melt Flow Index	ASTM D1238	3	g/10min		
Density	ASTM D792	0.90	g/cm ³		
Mechanical					
Tensile Stress (Yield)	ASTM D638	280	kgf/cm ²	27	MPa
Tensile Strain (Break)	ASTM D638	>100	%	>100	%
Flexural Modulus	ASTM D790	13,000	kgf/cm ²	1,270	MPa
Impact					
Notched Izod Impact Strength (23℃)	ASTM D256	9.0	kgf-cm/cm	89	J/m
Notched Izod Impact Strength (-10℃)	ASTM D256	4.0	kgf-cm/cm	39	J/m
Thermal					
Melting Point	ASTM D3418	164	℃		
Heat Deflection Temperature (4.6kgf/cm2)	ASTM D648	105	℃		

NOTE

ISO 9001, 14001, /TS 16949

¹ Physical Properties : these are not to be construed as specifications

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