LOTTE CHEMICAL

February, 2018

M9600

PP COPOLYMER

General Information

Description

M9600 is the polypropylene Copolymer manufactured by under the Spheripol process. This grade is designed to potential end use applications include Extrusion coating on Woven and Kraft paper.

Low neck-in, High speed processability, good adhesive property to paper ,Oil & moisture permeation resistance.

Applications

- Resin, fish, steel tube, dog food packaging

Physical Properties[1]

Physical	Test Method	Nominal Values			
Melt Flow Index	ASTM D1238	25	g/10min		
Density	ASTM D792	0.90	g/cm^3		
Mechanical					
Tensile Stress (Yield)	ASTM D638	300	kgf/cm^2	29	MPa
Tensile Strain (Break)	ASTM D638	>100	%		
Flexural Modulus	ASTM D790	13,000	kgf/cm^2	1,290	MPa
Rockwell Hardness	ASTM D785	99	R		
Impact					
Notched Izod Impact Strength (23℃)	ASTM D256	4.9	kgf·cm/cm	48	J/m
Thermal					
Melting Point	ASTM D3418	162	℃		
Vicat softing point	ASTM D1525	149	℃		
Heat Deflection Temperature (4.6kgf/cm^2)	ASTM D648	100	℃		

NOTE

ISO 9001, 14001, /TS 16949

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