

General Information

Description

L-270A 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 and Kraft paper, Oil & moisture permeation resistance

Applications

Resin, fish, steel tube, dog food packaging

Physical Properties¹

Physical	Test Method	Nominal Values			
Melt Flow Index	ASTM D1238	25	g/10min		
Density	ASTM D792	0.9	g/cm ³		
Mechanical					
Tensile Stress (Yield)	ASTM D638	280	kgf/cm ²	27	MPa
Tensile Strain (Break)	ASTM D638	>500	%	>500	%
Flexural Modulus	ASTM D790	9,800	kgf/cm ²	970	MPa
Rockwell Hardness	ASTM D785	96	R		
Impact					
Notched Izod Impact Strength (23 °C)	ASTM D256	4.5	kgf·cm/c m	44	J/m
Thermal					
Melting Point	Lotte'S	162	°C		
Vicat softing point	ISO 308	147	°C		
Heat Deflection Temperature (4.6kgf/cm ²)	ASTM D648	105	°C		

NOTE

ISO 9001, 14001

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