

RANPELEN SB-740D

Polypropylene Random Copolymer

Lotte Chemical Corporation

Message:

RANPELEN SB-740D is a random terpolymer polypropylene.
This product can be processed by Injection molding equipment.
SB-740D offers good transparency and good gloss.
It is typically used in production of medical port, cap of IV solution bag.

General Information			
Features	High Clarity		
	Medium Gloss		
	Random Copolymer		
Uses	Caps		
	Cosmetic Packaging		
	Medical/Healthcare Applications		
	Packaging		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.900	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	5.8	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	82		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	21.6	MPa	ASTM D638
Tensile Elongation (Break)	> 300	%	ASTM D638
Flexural Modulus	745	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	98	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	123	°C	ASTM D1525
Melting Temperature	132	°C	Internal Method

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