

KOPELEN BM-311

Polypropylene Impact Copolymer

Lotte Chemical Corporation

Message:

BM-311 is impact block copolymer which has ethylene-propylene rubber inside homo polypropylene.
This grade can be processed by sheet extrusion. B-310 shows good impact resistance at low temperature and has also high strength.
It has good vacuum molding property, suitable for the production of vacuum molding goods.
BM-311 is applied to food packaging tray, various industrial sheets, conjugated duct.

General Information			
Features	Block Copolymer		
	High strength		
	Impact resistance, good		
Uses	Packaging		
	Wave plate		
	Blow molding applications		
	Industrial application		
	Sheet		
	Food packaging		
Processing Method	Blow molding		
	Sheet extrusion molding		
	Vacuum forming		
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)	0.50	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	25.5	MPa	ASTM D638
Tensile Elongation (Break)	> 100	%	ASTM D638
Flexural Modulus	1080	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256
-10°C	59	J/m	ASTM D256
23°C	490	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	100	°C	ASTM D648

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