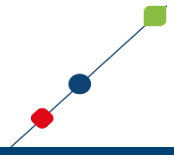
DATASHEET

ASTM Property



LOTTE CHEMICAL

Grade	BM-311
Product	PP

General Information	
Key Features	- Impact Polypropylene copolymer - Extruded sheets, Extruded Blow Molding etc. - Thermalfoming - High Stiffness and Impact resistance
Applications	- Food packaging tray - Stationary/Industrial sheet - Conjugated Duct Pipe(CD Pipe) - Blow molding goods etc.

Item	Measuring Method	Unit	Value
	Physical		
Melt Flow Index	ASTM D1238	g/10min	0.5
Density	ASTM D792	g/㎤	0.9
	Mechanical		
Tensile Stress (Yield)	ASTM D638	kgf/㎠	280
Flexural Modulus	ASTM D790	kgf/㎠	13,500
	Impact		
Notched Izod Impact Strength (23℃)	ASTM D256	kgf·㎝/㎝	[1)]N.B.
Notched Izod Impact Strength (-10℃)	ASTM D256	kgf·㎝/㎝	10.0
	Thermal		
Heat Deflection Temperature	ASTM D648	℃	110

[1)] *N.B.(Non-Break) : > 40*

1. Physical Properties : these are not to be construed as specifications
2. ISO 9001, 14001, /TS 16949

* The last update date : 2024/06/25