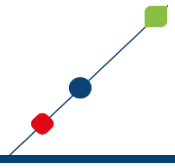
DATASHEET

ASTM Property



LOTTE CHEMICAL

Grade	BS-120
Product	PP

General Information	
Key Features	- High crystallinity homo polypropylene - Excellent mechanical properties
Applications	Separators for lithium-ion secondary(rechargeable) batteries

Item	Measuring Method	Unit	Value
Physical			
Melt Flow Index	ASTM D1238	g/10min	2.0
Density	ASTM D1505	g/㎤	0.90
Isotactic Index (NMR)	LCC METHOD	%	98
Mechanical			
Tensile Stress (Yield)	ASTM D638	kgf/㎠	390
Tensile Strain (Break)	ASTM D638	%	≥100
Flexural Modulus	ASTM D790	kgf/㎠	18,000
Rockwell Hardness	ASTM D785	R	108
Thermal			
Melting point (Peak)	ASTM D3418	℃	165
Additional Properties			
Ash Content	LCC METHOD	ppm	≤80

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

* The last update date : 2021/10/01