



Grade	BS-110
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	1.0
Density	ASTM D1505	g/cm ³	0.90
Isotactic Index (NMR)	LCC METHOD	%	94
Mechanical			
Tensile Stress (Yield)	ASTM D638	kgf/cm ²	370
Tensile Strain (Break)	ASTM D638	%	>100
Flexural Modulus	ASTM D790	kgf/cm ²	16,500
Rockwell Hardness	ASTM D785	R	103
Thermal			
Melting point (Peak)	ASTM D3418	°C	164
Additional Properties			
Ash Content	LCC METHOD	ppm	<150

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

* The last update date : 2021/10/01