



<b>Grade</b>	BS-120
<b>Product</b>	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
<b>Physical</b>			
Melt Flow Index	ASTM D1238	g/10min	2.0
Density	ASTM D1505	g/cm <sup>3</sup>	0.90
Isotactic Index (NMR)	LCC METHOD	%	98
<b>Mechanical</b>			
Tensile Stress (Yield)	ASTM D638	kgf/cm <sup>2</sup>	390
Tensile Strain (Break)	ASTM D638	%	≥100
Flexural Modulus	ASTM D790	kgf/cm <sup>2</sup>	18,000
Rockwell Hardness	ASTM D785	R	108
<b>Thermal</b>			
Melting point (Peak)	ASTM D3418	°C	165
<b>Additional Properties</b>			
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