Polyethylene Separator For Lithium Battery

Item Number: BC-18

Introduction

The polyethylene separator is a key component of lithium-ion batteries, located between the positive and negative electrodes. They allow the passage of lithium ions while inhibiting electron transport. The performance of the separator affects the capacity, cycle and safety of the battery.

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Material:	SK single layer PE film
thickness:	16μm
width:	115mm
Air permeability:	200s
Porosity:	44%
Heat shrinkage rate:	Vertical 3% Horizontal 1%
tensile strength:	Vertical 1200kgf/cm2 Horizontal 1200kgf/cm2
Storage conditions:	The best storage environment temperature is 25±3°C, humidity is 30%-70%, moisture-proof