

PE Separator

BATTERY PE Separator

Stock No.
NS6130-10-1185

- In the past few decades, Li-ion batteries, as one of the most advanced rechargeable batteries, are attracting much attention.
- They are currently the superior mobile power sources for portable electronic devices. The batteries exclusively used in cell phones and laptop computers.
- Li-ion batteries are supposed the powerhouse for the personal digital electronic revolution starting from about two decades ago.
- Li-ion batteries are highly advanced in contrast to other commercial rechargeable batteries, in terms of gravimetric and volumetric energy.
- It is a type of rechargeable battery.
- These batteries are commonly utilized for electric vehicles and portable electronics. These are growing in popularity for military and aerospace applications.
- The batteries have a high energy density, low self-discharge, and no memory effect.
- They consist of a flammable electrolyte, and if damaged or incorrectly charged can lead to explosions and fires.

Thickness
 $16 \pm 2 \mu\text{m}$



TECHNICAL Specifications

- ✓ Color: White
- ✓ Gas permeability: 350-550 Sec/100ml
- ✓ Porosity : 38-44%
- ✓ Puncturing Strength : >300g
- ✓ Tensile strength MD : >90 Mpa
- ✓ Tensile strength TD : >100 Mpa
- ✓ Film break temperature : ≥ 147
- ✓ Film close temperature : ≤ 135
- ✓ 90% heat shrink MD : $\leq 3.5\%$
- ✓ 90% heat shrink TD : $\leq 2\%$
- ✓ 105% heat shrink MD : $\leq 5\%$
- ✓ 105% heat shrink TD : $\leq 3\%$
- ✓ 120% heat shrink MD : $\leq 20\%$
- ✓ 120% heat shrink TD : $\leq 15\%$

PACKING SIZES : 1 Pcs, 5 Pcs, 10 Pcs 25 Pcs & Bulk Orders



ISO 9001:2015
CERTIFIED COMPANY

INTELLIGENT MATERIALS PVT LTD

Derabassi
Punjab (140507)
INDIA

+91 9779 550077, 9779238252

NANOSHEL UK LIMITED

Chapel House,
Chapel St Cheshire,
CW12 4AB United Kingdom

+44 (0) 74 105 488, +44 203 137 5187

NANOSHEL LLC

3422 Old Capitol Suit
1305 Wilmington DE - 19808
United States

+1 646 470 4911

