Mitsui Chemicals group is developing mono-material barrier packaging solutions for integration into circular economy.

**Applications**

<table>
<thead>
<tr>
<th>PE Based</th>
<th>PP Based</th>
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<tbody>
<tr>
<td>Sachet for toiletries, Frozen food, Ham, Sausage</td>
<td>Snacks, Noodles</td>
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</tbody>
</table>

**Structures**

- Composed solely of Mitsui Chemical Group materials.
- Ultra puncture-resistant film
- Dry lamination adhesive
- Water-based gas barrier coating (non-chlorine)
- High functional m-LLDPE film
- Excellent thickness uniformity substrate
- Low heat seal initial temp. VMCPP film

**Value to the customers**

To support the recycling process*1

The pouch is comprised mainly of PE/PP based material. This improves post consumer collection value and leads to highly pure recycled resin.

Environmentally friendly barrier solutions

Combination of environmentally friendly materials, including non-chlorinated & water-based gas barrier layers, achieve barrier solutions for targeted applications.

Process optimization by superior seal integrity

The thickness uniformity of the film is strictly controlled, this film is formulated using Mitsui Chemicals Group differentiated resins.

*1: Dependent on recycling infrastructure

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