

# Technical Data Sheet

Preliminary

## X7120 EXP RT Debond Double-coated Foam PSA

### Features

- Easy to convert
- Excellent damping
- Formulated for parts reworkability by debonding PSA at room temperature
- Only simple hand tools needed to debond PSA
- Formulated for lower adhesive residue

### Structure

- |                   |                           |                     |
|-------------------|---------------------------|---------------------|
| • Carrier         | Olefin foam               |                     |
| • Adhesion type   | Modified acrylic adhesive |                     |
| • Appearance      | Black                     | Visual inspection   |
| • Total thickness | 200 $\mu\text{m}$         | Modified ASTM D3652 |

### Properties

- |                          |                        |                              |
|--------------------------|------------------------|------------------------------|
| • 180° Peel Strength     | 1,000 gf / 25 mm       | Modified ASTM D3330 (SUS304) |
| • Static shear           | 0.5 mm                 | Modified ASTM D3654          |
| • Push out strength      | Normal <sup>1</sup>    |                              |
| • Temperature humidity   | Pass                   | 55°C, 85% RH, 500 hrs        |
| • Temperature resistance | Excellent <sup>1</sup> |                              |

<sup>1</sup> Pente Grading: Excellent – Good – Normal

### Applications

- Component attachment (e.g. lens, side key)
- Housing / Mid-frame assemblies (e.g. bezel, frame)
- Touch display module / Cover Glass to Housing assemblies

**NOTES:** The data and recommendations related to the products above are based on information believed to be reliable, but the accuracy or completeness is not guaranteed. Before using this product, the user must evaluate it and determine if it is suitable for the intended application. Pente-m Solutions, LLC. makes no warranties for suitability of a particular purpose. User is responsible for determining whether the product is appropriate for a particular purpose and suitable for user's application. Please note that many factors can affect the use and performance of a product in a particular application. For additional information or support, please contact us.