Hot melt adhesives

EVA & EBA
Multiplying our EVA solutions:

**Trust**  Developing products to meet our clients’ needs and supplying on a regular basis across Europe

**Safety**  Reducing residual VA content beyond European Legislation

**Innovation**  One of the largest portfolios in the industry, complying with the highest European certifications
Unique added value of EBA copolymers to boost your business through:

**Versatility**  
Our production process enables us to continuously increase our portfolio according to our clients’ needs.

**Unique attributes**  
Its flexibility and transparency make it suitable for film applications.

Excellent processing, thermal stability and adhesion properties to meet the requirements of cables and adhesive markets.
Repsol Primeva® & Repsol Ebantix®

Understanding your needs

At Repsol we are committed with the development of new products for our clients. We are in constant search of innovative solutions to meet all your needs. Our goal is to develop cutting-edge products to offer reliable and quality solutions to enhance your business. Due to this vision Repsol displays one of the widest ranges of EVA & EBA copolymers in the market.

Over 43 years of experience in the market

During our 43 years of experience we have developed an integrated chemical business. This way at Repsol we control all key factors of the value chain: research, development, manufacturing and distribution.

But we know providing quality products is not enough. Ensuring availability and supply is also fundamental to run any business. Therefore Repsol is the partner you can trust when it comes to quality, flexibility and safety.

We stick by this innovation

EVA & EBA are used to improve sticking and unsticking on porous elements, such as paper or cardboard. It provides improved moisturising and mechanical adherence for substrates.
Two solutions. Countless advantages

- Two complementary ranges of copolymers
- High quality products surpassing all European Standards
- High consistency
- High fluidity grades
- For a wide range of adhesives
- Constant product innovation
- Research of new applications
- Strong customer service orientation
- An integrated chemical company, a reliable supplier
The new Repsol Primeva® grades for hot melt adhesives have been designed for the highest technical requirements of the hot melt industry as well as for the current and future needs of adhesive industry.

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New ultrastable Repsol Primeva® for hot melts

All the new Repsol Primeva® grades for hot melts have been designed to be ultrastable against thermal degradation, reducing the colouring of the adhesive and maintenance stops.

**Oxidation Induction Time**

<table>
<thead>
<tr>
<th>EVA</th>
<th>New Repsol Primeva®</th>
<th>Metallocene</th>
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</thead>
<tbody>
<tr>
<td>38</td>
<td>&gt; 90</td>
<td>54</td>
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</table>

Test carried out according to ISO 11357-6

**Ageing test performance at 170°**

Test carried out according to ASTM D794

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The new Repsol Ebantix® grades for hot melt adhesives have been designed to obtain the maximum performance of the final hot melt in a wide range of service temperatures, high adhesion and very high stability against thermal degradation.

**High adhesion to difficult substrates**

Repsol Ebantix® for hot melt has high adhesion to those difficult substrates like polypropylene or aluminum.

### Advanced mechanical and optical properties with good adhesion to several substrates and easy processing

<table>
<thead>
<tr>
<th>Grade</th>
<th>BA [%]</th>
<th>MFI g/10' ISO 1133</th>
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<tr>
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<tr>
<td>E33150</td>
<td>33</td>
<td>150</td>
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*Test carried out in collaboration with the University of Alicante. Peel test according to UNE/EN ISO 11339*
Widest range of service temperatures
Adhesives formulated with the new Repsol Ebantix® grade E33150 show the widest range of service temperatures, with an especial good performance at low temperatures.

Very high thermal stability
All the Repsol Ebantix® products for hot melts have outstanding thermal stability, reducing colouration of the adhesive and maintenance time.
Repsol Primeva® & Repsol Ebantix® food contact leadership

Repsol has the commitment and willingness to offer the safest products for food contact. For this purpose Repsol Primeva® grades for hot melts are steadily being improved to ensure their compliance with the most demanding regulations through:

- The use of new additives approved for food contact
- The substitution of additives with Specific Migration Limits or included in the list of SVHC
- The reduction of residual VA content beyond European legislation
<table>
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<th>France</th>
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