

# ATEVA® 1850A

ATEVA®

## Product information

|                       |          |           |
|-----------------------|----------|-----------|
| Resin Identification  | (EVAC)   | ISO 1043  |
| Part Marking Code     | >(EVAC)< | ISO 11469 |
| Vinyl acetate content | 18 %     |           |

## Rheological properties

|                 |             |             |
|-----------------|-------------|-------------|
| Melt Flow Index | 150 g/10min | ASTM D 1238 |
| Temperature     | 190 °C      |             |
| Load            | 2.16 kg     |             |

## Typical mechanical properties

|                         |        |             |
|-------------------------|--------|-------------|
| Tensile Strength        | 7 MPa  | ASTM D 638  |
| Elongation at break     | 700 %  | ASTM D 638  |
| Flexural modulus        | 42 MPa | ASTM D 790  |
| Brittleness Temperature | -40 °C | ASTM D 746  |
| Shore A hardness        | 86     | ASTM D 2240 |
| Shore D hardness        | 34     | ASTM D 2240 |

## Thermal properties

|                               |       |             |
|-------------------------------|-------|-------------|
| Melting temperature           | 84 °C | ASTM D 3418 |
| Ring and ball softening point | 95 °C | ASTM E 28   |

## Physical/Other properties

|         |                       |  |
|---------|-----------------------|--|
| Density | 935 kg/m <sup>3</sup> |  |
|---------|-----------------------|--|

## Injection

|                      |       |  |
|----------------------|-------|--|
| Ejection temperature | 61 °C |  |
|----------------------|-------|--|