

# ATEVA® 1821A

ATEVA®

## Product information

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

## Rheological properties

Melt Flow Index	3 g/10min	ASTM D 1238
Temperature	190 °C	
Load	2.16 kg	

## Typical mechanical properties

Tensile Strength	15 MPa	ASTM D 638
Elongation at break	685 %	ASTM D 638
Flexural modulus	45 MPa	ASTM D 790
Brittleness Temperature	<-85 °C	ASTM D 746
Shore A hardness	92	ASTM D 2240
Shore D hardness	36	ASTM D 2240

## Thermal properties

Melting temperature	87 °C	ASTM D 3418
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## Physical/Other properties

Density	938 kg/m <sup>3</sup>	
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## Film Properties

Stress at yield, machine direction, 500 mm/min	4 MPa	ASTM D 882
Stress at yield, transverse, 500 mm/min	7 MPa	ASTM D 882
Maximum stress, machine direction, 500 mm/min	23 MPa	ASTM D 882
Maximum stress, transverse, 500 mm/min	27 MPa	ASTM D 882
Maximum strain, machine direction, 500 mm/min	460 %	ASTM D 882
Maximum strain, transverse, 500 mm/min	620 %	ASTM D 882
Gloss, 45°	51	ASTM D 2303
Haze	9	ASTM D 1003

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