

# ATEVA® 1811A

ATEVA®

## Product information

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

## Rheological properties

Temperature	190 °C	
Load	2.16 kg	
Melt Flow Index	1.6 g/10min	ASTM D 1238

## Typical mechanical properties

Tensile Strength	20 MPa	ASTM D 638
Elongation at break	740 %	ASTM D 638
Flexural modulus	48 MPa	ASTM D 790
Brittleness Temperature	<-85 °C	ASTM D 746
Shore A hardness	93	ASTM D 2240
Shore D hardness	37	ASTM D 2240

## Thermal properties

Melting temperature	88 °C	ASTM D 3418
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## Physical/Other properties

Density	937 kg/m <sup>3</sup>	
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## Film Properties

Stress at yield, machine direction, 500 mm/min	5 MPa	ASTM D 882
Stress at yield, transverse, 500 mm/min	8 MPa	ASTM D 882
Maximum stress, machine direction, 500 mm/min	27 MPa	ASTM D 882
Maximum stress, transverse, 500 mm/min	29 MPa	ASTM D 882
Maximum strain, machine direction, 500 mm/min	440 %	ASTM D 882
Maximum strain, transverse, 500 mm/min	590 %	ASTM D 882
Gloss, 45°	62	ASTM D 2457
Haze	6	ASTM D 1003

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