

ATEVA® 1821AX

Product information

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
Vicat softening temperature, 50°C/h 10N	59 °C	ISO 306

Other properties

Density 938 kg/m³

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

