

# ATEVA® 1221

ATEVA®

## Product information

Resin Identification	(EVAC)	ISO 1043
Part Marking Code	>(EVAC)<	ISO 11469
Vinyl acetate content	12 %	

## Rheological properties

Melt Flow Index	0.8 g/10min	ASTM D 1238
Temperature	190 °C	
Load	2.16 kg	

## Typical mechanical properties

Tensile Strength	20 MPa	ASTM D 638
Elongation at break	715 %	ASTM D 638
Flexural modulus	84 MPa	ASTM D 790
Brittleness Temperature	<-85 °C	ASTM D 746
Shore A hardness	95	ASTM D 2240
Shore D hardness	43	ASTM D 2240

## Thermal properties

Melting temperature	97 °C	ASTM D 3418
---------------------	-------	-------------

## Physical/Other properties

Density	932 kg/m <sup>3</sup>	
---------	-----------------------	--

## Film Properties

Stress at yield, machine direction, 500 mm/min	7 MPa	ASTM D 882
Stress at yield, transverse, 500 mm/min	6 MPa	ASTM D 882
Maximum stress, machine direction, 500 mm/min	27 MPa	ASTM D 882
Maximum stress, transverse, 500 mm/min	28 MPa	ASTM D 882
Maximum strain, machine direction, 500 mm/min	400 %	ASTM D 882
Maximum strain, transverse, 500 mm/min	510 %	ASTM D 882
Gloss, 45°	38	ASTM D 2457
Haze	13	ASTM D 1003