Celanese
The chemistry inside innovation™

ATEVA® 1081
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Product information

Resin Identification	(EVAC)	ISO 1043
Part Marking Code	>(EVAC)<	ISO 11469
Vinyl acetate content	9 %	

Rheological properties

Melt Flow Index	1.1 g/10min	ASTM D 1238
Temperature	190 °C	
Load	2.16 kg	

Typical mechanical properties

Tensile Strength	17 MPa	ASTM D 638
Elongation at break	700 %	ASTM D 638
Flexural modulus	123 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	102 °C	ASTM D 3418

Physical/Other properties

Density	933 kg/m³	

Film Properties

Stress at yield, machine direction, 500 mm/min	8 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	24 MPa	ASTM D 882
Maximum strain, machine direction, 500 mm/min	380 %	ASTM D 882
Maximum strain, transverse, 500 mm/min	550 %	ASTM D 882
Gloss, 45°	34	ASTM D 2457
Haze	20	ASTM D 1003

Revised: 2025-03-07   Source: Celanese Materials Database