

ATEVA® 1231

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Product information

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

Rheological properties

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

Typical mechanical properties

Tensile Strength	16 MPa	ASTM D 638
Elongation at break	730 %	ASTM D 638
Flexural modulus	82 MPa	ASTM D 790
Brittleness Temperature	<-85 °C	ASTM D 746
Shore A hardness	95	ASTM D 2240
Shore D hardness	42	ASTM D 2240

Thermal properties

Melting temperature	97 °C	ASTM D 3418
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Physical/Other properties

Density	934 kg/m ³	
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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	21 MPa	ASTM D 882
Maximum stress, transverse, 500 mm/min	20 MPa	ASTM D 882
Maximum strain, machine direction, 500 mm/min	460 %	ASTM D 882
Maximum strain, transverse, 500 mm/min	560 %	ASTM D 882
Gloss, 45°	38	ASTM D 2457
Haze	13	ASTM D 1003

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