

ATEVA® 1070

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Product information

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

Rheological properties

Temperature	190 °C	
Load	2.16 kg	
Melt Flow Index	2.8 g/10min	ASTM D 1238

Typical mechanical properties

Tensile Strength	14 MPa	ASTM D 638
Elongation at break	685 %	ASTM D 638
Flexural modulus	101 MPa	ASTM D 790
Brittleness Temperature	-85 °C	ASTM D 746
Shore A hardness	96	ASTM D 2240
Shore D hardness	43	ASTM D 2240

Thermal properties

Melting temperature	101 °C	ASTM D 3418
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Physical/Other properties

Density	931 kg/m ³	
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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	17 MPa	ASTM D 882
Maximum stress, transverse, 500 mm/min	18 MPa	ASTM D 882
Maximum strain, machine direction, 500 mm/min	400 %	ASTM D 882
Maximum strain, transverse, 500 mm/min	600 %	ASTM D 882
Gloss, 45°	45	ASTM D 2457
Haze	10	ASTM D 1003

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