

ATEVA® 1850A

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Product information

Resin Identification	(EVAC)	ISO 1043
Part Marking Code	>(EVAC)<	ISO 11469
Vinyl acetate content	18 %	

Rheological properties

Melt Flow Index	150 g/10min	ASTM D 1238
Temperature	190 °C	
Load	2.16 kg	

Typical mechanical properties

Tensile Strength	7 MPa	ASTM D 638
Elongation at break	700 %	ASTM D 638
Flexural modulus	42 MPa	ASTM D 790
Brittleness Temperature	-40 °C	ASTM D 746
Shore A hardness	86	ASTM D 2240
Shore D hardness	34	ASTM D 2240

Thermal properties

Melting temperature	84 °C	ASTM D 3418
Ring and ball softening point	95 °C	ASTM E 28

Physical/Other properties

Density	935 kg/m ³
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Injection

Melt Temperature Optimum	138 °C
Min. melt temperature	95 °C
Max. melt temperature	180 °C
Mold Temperature Optimum	33 °C
Min. mould temperature	15 °C
Max. mould temperature	50 °C
Ejection temperature	61 °C