

ATEVA® 1850A - EVA

Description

This resin is commonly used for hot melt coating and adhesive applications.
 This product is not intended for use in medical or dental implants.

Physical properties	Value	Unit	Test Standard
Density	935	kg/m ³	Internal
Melt flow index, MFI	150	g/10min	ASTM D1238
Temperature	190	°C	ASTM D1238
Load	2.16	kg	ASTM D1238
Vinyl Acetate	18	%	Internal

Mechanical properties	Value	Unit	Test Standard
Flexural modulus, 23°C	42	MPa	ASTM D790
Tensile stress at break, 50 mm/min	7	MPa	ASTM D638
Tensile strain at break, 50 mm/min	700	%	ASTM D638
Shore A hardness	86	-	ASTM D2240
Shore D hardness	34	-	ASTM D2240
Ring and ball softening point	95	°C	ASTM E28

Thermal properties	Value	Unit	Test Standard
Melting point	84	°C	ASTM D3418
Brittleness temperature	-40	°C	ASTM D746
Vicat softening temperature	49	°C	ASTM D1525
Ring and ball softening point	95	°C	ASTM E28

Characteristics

Additives	Antioxidant
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