

ATEVA® 1820 - EVA

Description

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

Physical properties	Value	Unit	Test Standard
Density	938	kg/m ³	Internal
Melt flow index, MFI	3	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	52	MPa	ASTM D790
Tensile stress at break, 50 mm/min	15	MPa	ASTM D638
Tensile strain at break, 50 mm/min	680	%	ASTM D638
Shore A hardness	92	-	ASTM D2240
Shore D hardness	36	-	ASTM D2240
Ring and ball softening point	172	°C	ASTM E28
Thermal properties	Value	Unit	Test Standard
Melting point	87	°C	ASTM D3418
Ring and ball softening point	172	°C	ASTM E28

