

ATEVA® 2820AG - EVA

Description

This resin is commonly used for medical applications.

Physical properties	Value	Unit	Test Standard
Density	948	kg/m ³	Internal
Melt flow index, MFI	25	g/10min	ASTM D1238
Temperature	190	°C	ASTM D1238
Load	2.16	kg	ASTM D1238
Vinyl Acetate	28	%	Internal

Mechanical properties	Value	Unit	Test Standard
Flexural modulus, 23°C	15	MPa	ASTM D790
Tensile stress at break, 50 mm/min	11	MPa	ASTM D638
Tensile strain at break, 50 mm/min	850	%	ASTM D638
Shore A hardness	80	-	ASTM D2240
Shore D hardness	22	-	ASTM D2240
Ring and ball softening point	124	°C	ASTM E28

Thermal properties	Value	Unit	Test Standard
Melting point	70	°C	ASTM D3418
Ring and ball softening point	124	°C	ASTM E28

Characteristics

Regulatory	Medical grade
Additives	Antioxidant

