

ATEVA® 1081G - EVA

Description

This resin is commonly used for medical packaging and manufactured to comply with USP Class VI.

Physical properties	Value	Unit	Test Standard
Density	933	kg/m ³	Internal
Melt flow index, MFI	1.1	g/10min	ASTM D1238
Temperature	190	°C	ASTM D1238
Load	2.16	kg	ASTM D1238
Vinyl Acetate	9	%	Internal

Mechanical properties	Value	Unit	Test Standard
Flexural modulus, 23°C	123	MPa	ASTM D790
Tensile stress at break, 50 mm/min	17	MPa	ASTM D638
Tensile strain at break, 50 mm/min	700	%	ASTM D638
Shore A hardness	95	-	ASTM D2240
Shore D hardness	43	-	ASTM D2240

Thermal properties	Value	Unit	Test Standard
Melting point	102	°C	ASTM D3418
Vicat softening temperature	82	°C	ASTM D1525

Characteristics

Regulatory Medical grade

