

ATEVA® 1807EG-CP - EVA

Description

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

Physical properties	Value	Unit	Test Standard
Density	940	kg/m ³	Internal
Melt flow index, MFI	0.7	g/10min	ASTM D1238
Temperature	190	°C	ASTM D1238
Load	2.16	kg	ASTM D1238
Vinyl Acetate	18	%	Internal
Residual Vinyl Acetate Monomer	<100	ppm	Internal

Mechanical properties	Value	Unit	Test Standard
Tensile stress at break, 50 mm/min	26	MPa	ASTM D638
Tensile strain at break, 50 mm/min	730	%	ASTM D638

Thermal properties	Value	Unit	Test Standard
Melting point	87	°C	ASTM D3418
Vicat softening temperature	61	°C	ASTM D1525

Characteristics

Regulatory Medical grade

Additives Antioxidant