

ATEVA® 1609 - EVA

Description

This resin is commonly used for coextrusion due to its superior sealability and strength.
 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	8.4	g/10min	ASTM D1238
Temperature	190	°C	ASTM D1238
Load	2.16	kg	ASTM D1238
Vinyl Acetate	16.3	%	Internal
Haze	4	%	ASTM D1003

Mechanical properties	Value	Unit	Test Standard
Tensile stress at break MD, 500 mm/min	18	MPa	ASTM D882
Tensile strain at break MD, 500 mm/min	500	%	ASTM D882
Tensile stress at break, 50 mm/min	15	MPa	ASTM D638
Tensile strain at break, 50 mm/min	750	%	ASTM D638
Shore A hardness	92	-	ASTM D2240
Shore D hardness	36	-	ASTM D2240

Thermal properties	Value	Unit	Test Standard
Melting point	90	°C	ASTM D3418
Vicat softening temperature	63	°C	ASTM D1525

