

ATEVA® 1641 - EVA

Description

This resin is commonly used for extrusion coating, coextrusion and specialty lamination applications.
 This product is not intended for use in medical or dental implants.

Physical properties	Value	Unit	Test Standard
Density	936	kg/m ³	Internal
Melt flow index, MFI	28	g/10min	ASTM D1238
Temperature	190	°C	ASTM D1238
Load	2.16	kg	ASTM D1238
Vinyl Acetate	16	%	Internal
Mechanical properties	Value	Unit	Test Standard
Flexural modulus, 23°C	60	MPa	ASTM D790
Tensile stress at break, 50 mm/min	9	MPa	ASTM D638
Tensile strain at break, 50 mm/min	700	%	ASTM D638
Shore A hardness	90	-	ASTM D2240
Shore D hardness	35	-	ASTM D2240
Thermal properties	Value	Unit	Test Standard
Melting point	89	°C	ASTM D3418
Vicat softening temperature	62	°C	ASTM D1525

