

ATEVA® 1941 - 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	937	kg/m ³	Internal
Melt flow index, MFI	30	g/10min	ASTM D1238
Temperature	190	°C	ASTM D1238
Load	2.16	kg	ASTM D1238
Vinyl Acetate	19	%	Internal

Mechanical properties	Value	Unit	Test Standard
Tensile stress at yield MD, 500 mm/min	4	MPa	ASTM D882
Tensile stress at yield TD, 500 mm/min	4	MPa	ASTM D882
Tensile stress at break MD, 500 mm/min	15	MPa	ASTM D882
Tensile stress at break TD, 500 mm/min	13	MPa	ASTM D882
Tensile strain at break MD, 500 mm/min	520	%	ASTM D882
Tensile strain at break TD, 500 mm/min	610	%	ASTM D882

Thermal properties	Value	Unit	Test Standard
Melting point	84	°C	ASTM D3418
Vicat softening temperature	51	°C	ASTM D1525

