

ATEVA® 1241 - EVA

Description

This resin is commonly used for the production of molded and extruded flexible packaging products and similar goods.
 This product is not intended for use in medical or dental implants.

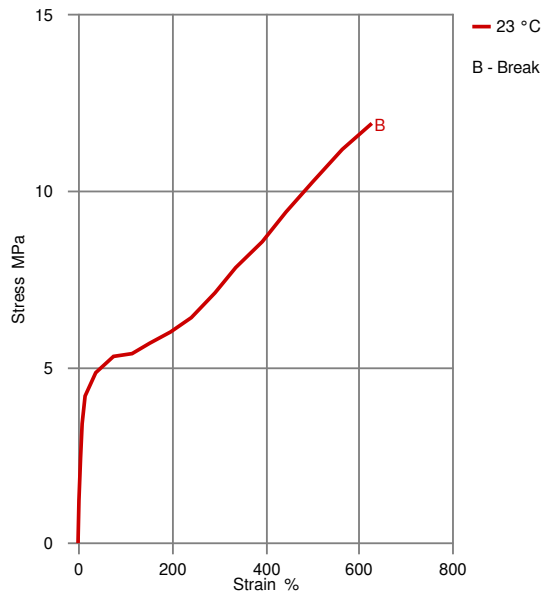
Physical properties	Value	Unit	Test Standard
Density	932	kg/m ³	Internal
Melt flow index, MFI	10	g/10min	ASTM D1238
Temperature	190	°C	ASTM D1238
Load	2.16	kg	ASTM D1238
Vinyl Acetate	12	%	Internal

Mechanical properties	Value	Unit	Test Standard
Tensile stress at break, 50 mm/min	13	MPa	ASTM D638
Tensile strain at break, 50 mm/min	710	%	ASTM D638
Shore A hardness	95	-	ASTM D2240
Shore D hardness	40	-	ASTM D2240

Thermal properties	Value	Unit	Test Standard
Melting point	95	°C	ASTM D3418
Vicat softening temperature	72	°C	ASTM D1525

Diagrams

Stress-strain



Secant modulus-strain

