

ATEVA® 4030ACG - EVA

Description

This resin is commonly used for dental applications and is manufactured to comply with USP Class VI.

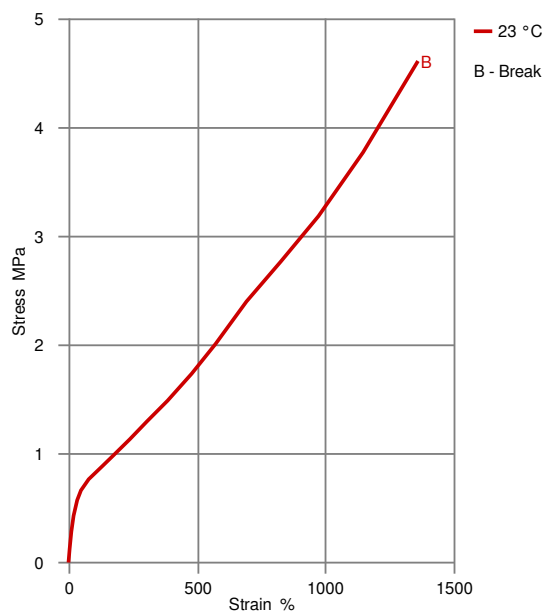
Physical properties	Value	Unit	Test Standard
Density	962	kg/m ³	Internal
Melt flow index, MFI	55	g/10min	ASTM D1238
Temperature	190	°C	ASTM D1238
Load	2.16	kg	ASTM D1238
Vinyl Acetate	40	%	Internal

Mechanical properties	Value	Unit	Test Standard
Flexural modulus, 23 °C	1.9	MPa	ASTM D790
Tensile stress at break, 50 mm/min	5	MPa	ASTM D638
Tensile strain at break, 50 mm/min	>1150	%	ASTM D638
Shore A hardness	53	-	ASTM D2240
Ring and ball softening point	107	°C	ASTM E28

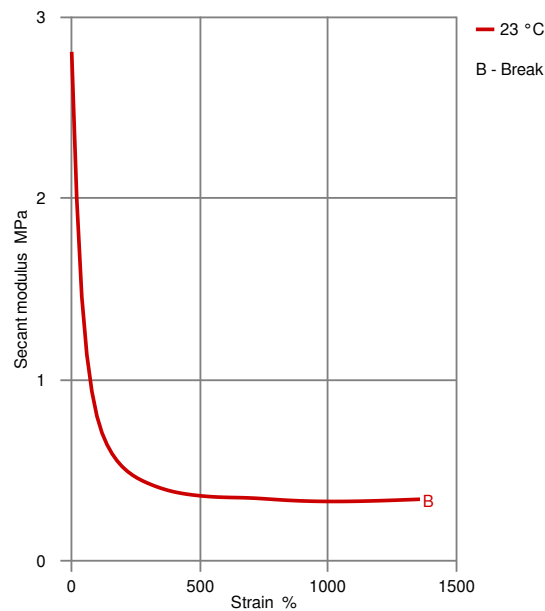
Thermal properties	Value	Unit	Test Standard
Melting point	52	°C	ASTM D3418
Ring and ball softening point	107	°C	ASTM E28

Diagrams

Stress-strain



Secant modulus-strain



Characteristics

Regulatory

Medical grade