

ATEVA® 4030ACX - EVA

Description

This resin is commonly used for wire & cable, low initiation temperature heat seal, and solvent ink formulation applications. This product is not intended for use in medical or dental implants.

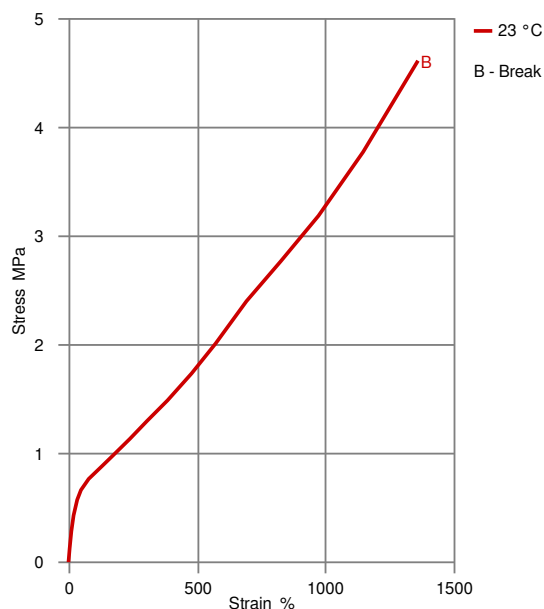
Physical properties	Value	Unit	Test Standard
Density	962	kg/m ³	Internal
Melt flow index, MFI	55	g/10min	ASTM D1238
Temperature	190	°C	ASTM D1238
Load	2.16	kg	ASTM D1238
Vinyl Acetate	40	%	Internal

Mechanical properties	Value	Unit	Test Standard
Flexural modulus, 23°C	2	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

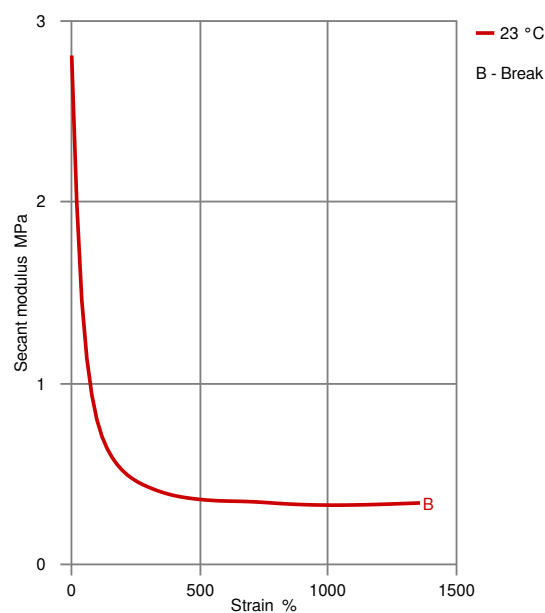
Thermal properties	Value	Unit	Test Standard
Melting point	52	°C	ASTM D3418
Ring and ball softening point	107	°C	ASTM E28

Diagrams

Stress-strain



Secant modulus-strain



Characteristics

Additives

Antioxidant