

ATEVA® 1813 - EVA

Description

This resin is commonly used for high quality microcellular crosslinked foam 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	1.6	g/10min	ASTM D1238
Temperature	190	°C	ASTM D1238
Load	2.16	kg	ASTM D1238
Vinyl Acetate	18	%	Internal
Mechanical properties	Value	Unit	Test Standard
Flexural modulus, 23°C	48	MPa	ASTM D790
Tensile stress at break, 50 mm/min	20	MPa	ASTM D638
Tensile strain at break, 50 mm/min	740	%	ASTM D638
Shore A hardness	93	-	ASTM D2240
Shore D hardness	37	-	ASTM D2240
Thermal properties	Value	Unit	Test Standard
Melting point	88	°C	ASTM D3418
Brittleness temperature	<-85	°C	ASTM D746
Vicat softening temperature	64	°C	ASTM D1525

