

ATEVA® 2604A - EVA

Description

This resin is commonly used for hot melt coating and adhesive, automotive compounding, microcellular crosslinked foam, and molding applications.

This product is not intended for use in medical or dental implants.

Physical properties	Value	Unit	Test Standard
Density	949	kg/m ³	Internal
Melt flow index, MFI	4.5	g/10min	ASTM D1238
Temperature	190	°C	ASTM D1238
Load	2.16	kg	ASTM D1238
Vinyl Acetate	25	%	Internal
Gloss, 45°	68	-	ASTM D2457
Haze	3	%	ASTM D1003

Mechanical properties	Value	Unit	Test Standard
Flexural modulus, 23°C	24	MPa	ASTM D790
Tensile stress at break, 50 mm/min	10.5	MPa	ASTM D638
Tensile strain at break, 50 mm/min	760	%	ASTM D638
Shore A hardness	84	-	ASTM D2240
Shore D hardness	23	-	ASTM D2240

Thermal properties	Value	Unit	Test Standard
Melting point	76	°C	ASTM D3418
Brittleness temperature	<-85	°C	ASTM D746
Vicat softening temperature	46	°C	ASTM D1525

Characteristics

Additives	Antioxidant
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