ATEVA® 1081G

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This resin is commonly used for medical packaging and manufactured to comply with USP Class VI.

Product information

Resin Identification	(EVAC)		ISO 1043
Part Marking Code	>(EVAC)<		ISO 11469
Vinyl acetate content	9	%	

Rheological properties

Melt Flow Index	1.1	g/10min	ASTM D 1238
Temperature	374	°F	
Load	4.76	lb	

Typical mechanical properties

Shore A hardness	95		ASTM D 2240
Shore D hardness	43		ASTM D 2240
Tensile Strength	2500	psi	ASTM D 638
Tensile elongation at break	700	%	ASTM D 638
Flexural modulus	17800	psi	ASTM D 790

Thermal properties

Melting temperature	216	°F	ASTM D 3418
Vicat softening temperature	180	°F	ASTM D 1525

Physical/Other properties

Density	933	kg/m^3	

Revised: 2026-05-22 Source: Celanese Materials Database

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