ATEVA® 1070

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This is a multi-purpose resin commonly used for flexible packaging coextrusion to provide superior sealability, opticals, and strength, high quality microcellular crosslinked foam, extrusion, injection molding, and tubing applications.
This product is not intended for use in medical or dental implants.

Product information

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

Rheological properties

Melt Flow Index	2.8	g/10min	ASTM D 1238
Temperature	374	°F	
Load	4.76	lb	

Typical mechanical properties

Shore A hardness	96		ASTM D 2240
Shore D hardness	43		ASTM D 2240
Tensile Strength	2000	psi	ASTM D 638
Tensile elongation at break	685	%	ASTM D 638
Flexural modulus	14600	psi	ASTM D 790
Brittleness Temperature	-121	°F	ASTM D 746

Thermal properties

Melting temperature	214	°F	ASTM D 3418
Vicat softening temperature	178	°F	ASTM D 1525

Physical/Other properties

Density	931	kg/m^3	

Film properties

Stress at yield, machine direction, 500 mm/min	1160	psi	ASTM D 882
Stress at yield, transverse, 500 mm/min	1020	psi	ASTM D 882
Maximum stress, machine direction, 500 mm/min	2470	psi	ASTM D 882
Maximum stress, transverse, 500 mm/min	2610	psi	ASTM D 882
Maximum strain, machine direction, 500 mm/min	400	%	ASTM D 882
Maximum strain, transverse, 500 mm/min	600	%	ASTM D 882
Gloss, 45°	45		ASTM D 2457
Haze	10		ASTM D 1003

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

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