

Toler EVA 182

Ethylene Vinyl Acetate Copolymer

Toler Chemical, Inc

Message:

182 provides a flexible base resin for hot melt adhesives, sealants and coatings. 182 exhibits excellent wax compatibility and can be formulated into a wide range of systems. This product promotes higher temperature performance as well as adhesion to a variety of substrates. 182, which contains a stabilizing additive package, can also be used in compounded products where high filler loadings are required.

General Information	
Additive	Unspecified Stabilizer
Features	Copolymer
	Good Adhesion
	Good Stability
	Good Thermal Stability
Uses	Adhesives
	Coating Applications
	Sealants

Physical	Nominal Value	Unit	Test Method
Density	0.940	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR)	1.5 to 2.5	g/10 min	ASTM D1238
Vinyl Acetate Content	17.0 to 19.0	wt%	
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	82 to 90		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus - 1% Secant	36.5	MPa	ASTM D638
Tensile Strength (Break)	14.5 to 15.2	MPa	ASTM D638
Tensile Elongation (Break)	690 to 740	%	ASTM D638
Thermal	Nominal Value	Unit	Test Method
Melting Temperature	86.0	°C	ASTM D3417
Ring and Ball Softening Point	174	°C	ASTM E28

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