



## Range of EVA Terpolymers

		Unit	Test Method ISO	9307 Y	9318	9304	9305	
Characteristics	Vinyl Acetate Content	%	Arkema	13 – 15	17 – 20	23.5 – 26.5	26 – 30	
	Melt Index (190°C – 2.16kg)	g/10 mn	ASTM D 1238	9.5 – 11.5	6 – 8	5.5 – 9.3	150 – 210	
	MAH Mini.			1600	1600	1600	6400	
Properties	Density	g/cm <sup>3</sup>	ASTM D 1505	0.939	0.943	0.950	0.951	
	Melting Point	°C	D.S.C.	93	86	80	68	
	Vicat Softening Point	°C	ASTM D 1525	66	54	49	<40	
	Ring and Ball Temperature	°C		145	158	153	92	
	Tensile properties	Strength at yield	MPa	ASTM D 638	4.8	3.5	2.6	1.8
		Strength at break	MPa		19	20	26	4.5
		Elongation at break	%		600 – 900	600 – 900	600 – 900	700 – 900
	Young Modulus	MPa	ISO R 527	69	40	23	12	
Shore Hardness A		ISO 868 ASTM D 2240	91	84	82	71		
Extruding Conditions	Film properties	Strength at yield	MPa	ASTM D 882	5.6	4.3	4	-
		Strength at break	MPa		26	24	26	-
	Thickness : 50 µm	Elongation at break	%		700 – 900	600 – 800	700 – 900	-
	Longitudinal	Haze	%	ASTM D 103	3.5	2.5	4.6	-
		Dart Test	g	ASTM D 1709	180	250	400	-

Orevac® is a range of ethylene-vinyl acetate copolymers modified by the adjunction of polar groups which, when molten, have excellent adhesive properties to various substrates.

They are supplied as free flowing natural coloured granules

Characteristics (VA, MI, MAH) routinely measured during the standard quality control procedure.

Other figures are average values generated by tests not included in the "standard quality control procedure", given for information only.



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Main Applications	Blown Film Coextrusion		●	●	
	Cast film Coextrusion		●		
	Coextrusion Tube		●		
	Skin Packaging Adhesive	●			
	Thermo-adhesive Films	●	●	●	●
	Hot Melt Adhesives			●	●

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