



Range of EVA Terpolymers

		Unit	Test Method ISO	9314	9307 Y	9318	9304	9305	
Characteristics	Vinyl Acetate Content		%	Arkema	13 – 15	13 – 15	17 – 20	23.5 – 26.5	26 – 30
	Melt Index (190°C – 2.16kg)		g/10 mn	ASTM D 1238	1.5 – 2.5	9.5 – 11.5	6 – 8	5.5 – 9.3	150 – 210
	MAH Mini.				800	1600	1600	1600	6400
Properties	Density		g/cm ³	ASTM D 1505	0.938	0.939	0.943	0.950	0.951
	Melting Point		°C	D.S.C.	95	93	86	80	68
	Vicat Softening Point		°C	ASTM D 1525	71	66	54	49	<40
	Ring and Ball Temperature		°C		>200	145	158	153	92
	Tensile properties	Strength at yield	MPa	ASTM D 638	4.7	4.8	3.5	2.6	1.8
		Strength at break	MPa		23	19	20	26	4.5
		Elongation at break	%		700 – 900	600 – 900	600 – 900	600 – 900	700 – 900
	Young Modulus		MPa	ISO R 527	67	69	40	23	12
Shore Hardness A			ISO 868 ASTM D 2240	92	91	84	82	71	
Extruding Conditions	Film properties	Strength at yield	MPa	ASTM D 882	5.5	5.6	4.3	4	-
		Strength at break	MPa		25	26	24	26	-
	Thickness : 50 µm	Elongation at break	%		500 – 700	700 – 900	600 – 800	700 – 900	-
		Longitudinal	Haze	%	ASTM D 103	4.7	3.5	2.5	4.6
		Dart Test	g	ASTM D 1709	365	180	250	400	-

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Main Applications	Blown Film Coextrusion	PE / PA Ionomers / PA	●		●	●	
	Cast film Coextrusion	PE / PA Ionomers / PA	●		●		
	Coextrusion Tube	PE / PA	●		●		
	Skin Packaging Adhesive	Any type of Cardboard		●			
	Thermo-adhesive Films	PA, PET, PU, Aluminium	●	●	●	●	●
	Hot Melt Adhesives	Polar Substrates				●	●

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