



台聚集團



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亞洲聚合股份有限公司
ASIA POLYMER CORPORATION

COMMITTED TO QUALITY



台聚集團

A MEMBER OF USI GROUP



Polymer-E 百利满-E

Ethylene-Vinyl Acetate Copolymer Resins

乙烯醋酸乙烯酯共聚合树脂

产 品 Products 物 性 Physical Properties		单 位 Unit	检验方法 Test Method (ASTM)	发泡及铸膜级 Foaming & Casting Grades				
				EV101	EV102	EV103	EV302	EV303
主 要 用 途 Application				鞋材 运动器材 传统/射出发泡 流延膜 Shoe Soles Sport Goods Compression/Injection Foaming Extrusion Casting	鞋材 运动器材 传统/射出发泡 流延膜 Shoe Soles Sport Goods Compression/Injection Foaming Extrusion Casting	鞋材 运动器材 传统/射出发泡 流延膜 Shoe Soles Sport Goods Compression/Injection Foaming Extrusion Casting	鞋材 运动器材 传统/射出发泡 流延膜 Shoe Soles Sport Goods Compression/Injection Foaming Extrusion Casting	鞋材 运动器材 传统/射出发泡 流延膜 Shoe Soles Sport Goods Compression/Injection Foaming Extrusion Casting
特 性 Characteristics				优异的发泡加工性 优异的成品物性 Good Processability Good Physical Properties	优异的发泡加工性 优异的成品物性 Good Processability Good Physical Properties	优异的发泡加工性 优异的成品物性 Good Processability Good Physical Properties	优异的发泡加工性 优异的成品物性 Good Processability Good Physical Properties	优异的发泡加工性 优异的成品物性 Good Processability Good Physical Properties
醋酸乙烯含量 VA Content		%	APC Method	18	14	21	8	18
熔融指数 Melt Index		公克/10分钟 g/10min	D1238	1.8	1.5	1.8	3	2.5
密度 Density		公克/立方公分 g/cm ³	D1505	0.941	0.937	0.944	0.930	0.940
断裂点抗张强度 (薄膜)/(Film) Ultimated Tensile Strength (模压)/(Molded)	MD TD	公斤/平方公分 kg/cm ²	D882	—	—	—	—	—
			D638	220	200	230	160	200
伸长率 (薄膜)/(Film) Elongation (模压)/(Molded)	MD TD	%	D882	—	—	—	—	—
			D638	720	700	740	690	750
低温脆裂温度 Low Temperature Brittleness		℃	D746	<-70	<-70	<-70	<-70	<-70
韦氏软化点 Vicat Softening Point		℃	D1525	65	73	63	77	63
硬 度 Hardness		萧氏 A Shore A	D2240	90	93	88	96	90
热变形温度 (66 psi) Heat Deflection Temp. (66 psi)		℃	D648	40	42	38	45	39
熔点 Melting Point		℃	APC Method	86	92	84	99	86

Notes: The information contained herein is, to our best knowledge, true and accurate. However, since conditions of use are beyond our control, all recommendations or suggestions are presented without guarantee or responsibility on our part. We disclaim all liability in connection with the use of information contained herein or otherwise. All risks of such use are assumed by the user. Furthermore, nothing contained herein shall be constructed as an inducement or recommendation to use any process or to manufacture or use any product in conflict with existing or future patents.



Polymer-E 百利满-E

Ethylene-Vinyl Acetate Copolymer Resins

乙烯醋酸乙烯酯共聚合树脂

发泡及电线电缆级 Foaming/Wire & Cable Grades					光伏级 Photovoltaics Grade	淋膜及涂覆级 Lamination & Coating Grade	
V26061	V26031	V33121	V33071	V33051	V28280	V18161	V18251
鞋材 运动器材 传统/射出发泡 电线电缆用 Shoe Soles Sport Goods Compression/Injection Foaming Wire & Cable	射出发泡 鞋材发泡 电线电缆 Shoe Sole Foam Injection Foam Wire and Cable	鞋材发泡 射出发泡 一般掺合应用 电线电缆掺合树脂 Shoe Sole Foam Injection Foam General Compounding Wire and Cable Compounds	鞋材发泡 射出发泡 一般掺合应用 电线电缆掺合树脂 Shoe Sole Foam Injection Foam General Compounding Wire and Cable Compounds	鞋材发泡 射出发泡 一般掺合应用 电线电缆掺合树脂 Shoe Sole Foam Injection Foam General Compounding Wire and Cable Compounds	太阳能光伏膜 PV Film	挤压涂覆 传统/射出发泡 射出 Extrusion Coating/Casting Compression/Injection Foaming Injection	挤压涂覆(高速) 传统/射出发泡 射出 Extrusion Coating/Casting (high-speed) Compression/Injection Foaming Injection
优异的发泡加工性 优异的成品物性 绝缘性佳 Good Processability Good Physical Properties High Insulation	优异的发泡加工性 优异的成品特性 绝缘性佳 Good Processability Good Physical Properties High Insulation	优异的发泡加工性 优异的成品物性 Good Processability Good Physical Properties	优异的发泡加工性 优异的成品物性 Good Processability Good Physical Properties	优异的发泡加工性 优异的成品物性 Good Processability Good Physical Properties	低晶点 高透明度 Low Gel Counts High Clarity	低热封温度 高接著性 高光学性 优异的加工性 Low Sealing Temperature Good Adhesion Good Optical Properties Excellent Processability	低热封温度 高接著性 高光学性 优异的加工性 Low Sealing Temperature Good Adhesion Good Optical Properties Excellent Processability
26	26	33	33	33	28	18	18
6.0	3.0	12	7.5	5.5	25	16	25
0.949	0.950	0.959	0.958	0.958	0.951	0.938	0.940
— — 160	— — 230	— — 90	— — 100	— — 110	— — 120	— — 145	— — 130
— — 800	— — 780	— — 800	— — 1130	— — 1050	— — 800	— — 760	— — 800
<-70	<-70	—	—	—	<-70	<- 70	<- 70
50	50	—	—	—	40	61	61
81	83	67	67	67	75	87	85
—	—	—	—	—	—	37	—
75	76	63	63	63	70	84	83

说 明: 据本公司所知, 上述数据应属正确无误, 惟因使用时之情况非受本公司管制, 所以本公司对上述所作之一切建议, 恕不负保证之责。使用上述或其它来源之数据, 所发生之一切责任, 概与本公司无涉, 所有风险, 应由使用者自行承担。再者, 本数据所述事项, 绝不能解释为诱导或建议使用与现在或未来的专利权有抵触之任何加工方法或产品。