



PVC Processing Aid

ACRYLIC PROCESSING AID

Ruifengpoly®

TYPE	CHARACTERISTICS	APPLICATIONS	DOW	KANEKA	ARKEMA	LG CHEM	BAERLOCHER
LP20	Fast fusions, excellent clarity, good melt flow	FILM,SHEETS,PROFILES,PIPES,FITTINGS	K-120ND	PA-20/PA-210		PA-910	3FK
LP551	Fast fusions, excellent clarity, good melt flow	FILM, SHEETS, PROFILES,PIPES,FITTINGS			P-551	PA-821	
LP-23	Excellent fusion, wider operational condition	SHEETS, PROFILES,PIPES,FITTINGS	K-125	PA-21/PA-310		PA-828	10F
LP-40	Good general performance	PROFILES,PIPES,FITTINGS	K-400			PA-930	20F
LP-50	Fast fusions, high melt strength	FOAMING PRODUCTS			P-531		
LP-530	Fast fusions, ultra-high melt strength	FOAMING PRODUCTS, WPC	K-435	PA-60/PA-610			40FD

SAN PROCESSING AID

Ruifengpoly®

TYPE	CHARACTERISTICS	APPLICATIONS	DOW	KANEKA	ARKEMA	LG CHEM	BAERLOCHER
LS01	Good fusion fluidity	PROFILES,PIPES,FITTINGS					
LS400	Ultra-high melt strength	PIPE,PROFILE,FOAMING PRODUCTS,SPC			Blendex 869	PA-960	
LS910	Ultra-high melt strength	PIPE,PROFILE,FOAMING PRODUCTS,SPC			Blendex 869	PA-960	

PVC Foaming Regulator(High Molecular Weight Processing Aid)

Ruifengpoly®

TYPE	CHARACTERISTICS	APPLICATIONS	DOW	KANEKA	ARKEMA	LG CHEM	BAERLOCHER
LP-90	Good melt flow, ultra-high melt strength	FOAMING PRODUCTS, WPC		PA-630			
LP-93	Good melt flow, ultra-high melt strength	FOAMING PRODUCTS, WPC		PA-630			
LP-801	Good melt flow, ultra-high melt strength	FOAMING PRODUCTS, WPC		PA-630			

PVC Impact Modifier

Acrylic Impact Modifier(ACR)

Ruifengpoly®

TYPE	CHARACTERISTICS	APPLICATIONS	DOW	KANEKA	ARKEMA	LG CHEM	BAERLOCHER
LS50	Excellent low temperature, High impact	PVC PROFILES, PIPES,FITTINGS,SHEETS	KM-342	FM-50	D-529	IM-812	E-ST 4
LS55	Good Processability, High impact,weatherability	PVC PROFILES, PIPES,FITTINGS,SHEETS	KM-369/KM-390	FM-55	D-520		
LS61	General purpose acrylic impact modifier	PVC PROFILES, PIPES,FITTINGS,SHEETS	KM-355P	FM-40	D-320	IM-809	E-ST 3D

ACM Impact Modifier

Ruifengpoly®

TYPE	CHARACTERISTICS	APPLICATIONS	CHINESE	KANEKA	ARKEMA	LG CHEM	BAERLOCHER
MC603	Good Processability, High impact,	PVC PROFILES, PIPES,FITTINGS,	ACM-24				

MBS Impact Modifier

Ruifengpoly®

TYPE	CHARACTERISTICS	APPLICATIONS	DOW	KANEKA	ARKEMA	LG CHEM	BAERLOCHER
LB-126	General purpose	FILM, SHEET	BTA-717	B-22	C-215A	MB-880	
LB-236	high impact strength, High transparency	SHEET, HOSE	BTA-730	B-625,B-628		MB-885	
LB-156	Superior impact strength for opaque application	INDOOR PVC PRODUCTS		B-56		MB-836	
LB-166	Ultra-high impact strength opaque application	INDOOR PVC PRODUCTS	BTA-751	B-564	C-323	MB-838	

Chlorinated Polyethylene

Ruifengpoly®

TYPE	Chlorine content (%)	Heat stable time (165℃ min)	Bulk Density g/ml	Volatile content (%)	Tearing Strength (Mpa)	Shore Hardness (A) (%)	Apparent Density (g/ml3)	Tensile elongation (%)	Mooney viscosity (ML91+40125℃)
CPE135A	35±1	≥ 8	≥0.50	≤0.4	≥8.0	≤65	≥0.55	≥700	95
CPE135B	35±1	≥ 12	≥0.50	≤0.4	≥8.0	≤60	≥0.55	≥800	70±5

WAX

Polyethylene Wax(PE Wax)

Youdaowax®

Type	Appearance	Application	Drop Point (°C)	Density (kg/m3)	Viscosity (140°C/cp.s)	Penetration (dmm)	Oil Content %	Acid Value (mgKOH/g)
F106	White flake	PVC products like pipe,fitting,profile,sheet or masterbatch,road marking	106	0.93±0.02	50±20	2-5	2-3	N
P106	White powder	PVC products like pipe,fitting,profile,sheet or masterbatch,road marking	106	0.93±0.02	50±20	2-5	2-3%	N
F116	White flake	PVC products like pipe,fitting,profile,sheet or masterbatch,road marking	116	0.95±0.02	350-400	1-3.5	<0.2%	N
P116	White powder	PVC products like pipe,fitting,profile,sheet or masterbatch,road marking	116	0.95±0.02	350-400	1-3.5	<0.2%	N

Oxidized Polyethylene Wax(OPE Wax)

Youdaowax®

Type	Appearance	Application	Drop Point (°C)	Density (kg/m3)	Viscosity (140°C/cp.s)	Viscosity (150°C/cp.s)	Penetration (dmm)	Acid Value (mgKOH/g)
YD-716	White powder	PVC stabilizer,PVC products,SPC	128-141	0.95-0.98	N	15000-20000	<1	21-24
YD-719	White powder	PVC foam board,WPC,Pipe,Fitting,Profile,Masterbatch,other Plastic	129-141	0.95-0.98	N	50000-70000	<1	26-29
YD-316	White powder	PVC Film/Sheet,Foam board,WPC	129-141	0.95-0.98	N	15000-20000	<1	19-21
YD-316H	White powder	PVC Film/Sheet,Foam board,WPC	128-135	0.95-0.98	N	8500-15000	<1	19-22
RY-1720	White powder	Emulsion,Ink,Dispersing Agent,Water-based Paint,Plastic	128-135	0.95-0.98	1000-2000	N	<1	27-29
RY-1470	White powder	Emulsion,Ink,Dispersing Agent,Water-based Paint,Plastic	128-135	0.95-0.98	6000-8500	N	<1	22-24
RY-1715	White powder	Emulsion,Ink,Dispersing Agent,Water-based Paint,Plastic	129-136	0.94-0.98	2000-4000	N	<1	24-26
RY-1415	White powder	Emulsion,Ink,Dispersing Agent,Water-based Paint,Plastic	129-136	0.94-0.98	2000-4000	N	<!	22-24

PVC Stabilizer

Lead Stabilizer

Polyfine®

Index/Product Name	Apperance	Lead content %	Density g/ml	Moisture content (%)	Melt point °C	Heat reduction
LD-20	White flake	20±1	1.8	1.0	70.0	3.0
LD-25	White flake	25±1	1.8	1.0	70.0	3.0
LD-30	White flake	30±1	1.8	1.0	70.0	3.0

Ca/Zn Stabilizer

Polyfine®

Type	Application	Characteristics	Dosage
CZ-106	PVC Profile	Excellent plasticizing effect,weather resistance,and long term thermal stability	3.5-4.5
CZ-303	PVC Pipe/PVC Fitting	Strong lubricity and high dispersion	4-5
CZ-901	PVC Sheet or Board	Extremly high lubricity match between interior and exterior,improves product strength and whiteness	4-6

Methyl Tin Stabilizer

Polyfine®

Commodity	Appearance	Content of stannum (%)	Colour (PT-CO)	Viscosity (25℃PaS)	Specific gravity (20℃)
Methyl tin Mercaptide	clear,liquid	≥19.0	<100	0.020-0.080	1.17-1.19

PVC Lubricant

Ruifengpoly®

Index/Product Name	Density g/cm3(80 ℃)	Acid value mg KOH/g	Iodine value g 12/100g	Viscosity MPa.S(80 ℃)	Refractive index (80 ℃)
PVC Internal Lubricant HG60	0.86-0.89	<12	<2	6-10	1.430-1.434
PVC Internal Lubricant HG16	0.92-0.94	<3	110-130	50-80	1.47-1.48
PVC External Lubricant HG74	0.88-0.93	<12	<2	58-70	1.420-1.470

Blowing Agent

AC Blowing Agent

Polyfine®

Index/Product Name	Appearance	Decomposition temperature ℃	Average particle size UM	Gas Volume ML/G	Purity(ADC)%
AH-200	Yellow flowing powder	170-190	3.8-12	200-215	200-215
AH-220	Yellow flowing powder	190-210	3.8-12	220-230	98

NC Blowing Agent

Polyfine®

Index/Product Name	Appearance	Decomposition temperature ℃	Average particle size UM	Gas Volume ML/G	Moisture
NH-130	White flowing powder	160-165	4-8	130-145	0.02
NH-140	White flowing powder	165-170	4-8	140-160	0.02
NH-160	White flowing powder	170-180	4-8	145-165	0.02

β-diketone products

Dibenzoyl Methane(DBM)

Polyfine®

Index/Product Name	Category	Product name	Molecular weight	Molecular formular	Assay	Volatiles Content	Packing	CAS NO	EC NO	Appearance	Melting point	Ash Content
DBM-83	Organic raw material/carboxylic acid/acyl	Dibenzoylmethane	224.2546	C ₁₅ H ₁₂ O ₂	≥99%	≤0.5%	25kg/bag, 25kg/ctn, 50kg/ctn	120-46-7	204-398-9	White or light yellow crystalline powder	76-80° C	≤0.1%

Stearoyl benzoyl methane(SBM)

Polyfine®

Index/Product Name	Appearance	CAS NO	EINECS NO	Assay	Melting point	Volatiles Content	Ash content	Packing
SBM-50	Light white powder	58446-52-9	261-257-4	98%min	56°Cmin	≤0.3%	≤0.2%	20kg/ctn
SBM-55	Light yellow or white powder	58446-52-9	261-257-4	70%min	53°Cmin	≤0.3%	≤0.2%	20kg/ctn