

iSuoChem Additives for Ink and Coating				
Product Name	Type Number	Match Product	Properties	Performance
Dispersing Agent	DPA-L163	BYK-163	Oil based	Excellent performance of dispersed carbon black and organic pigment
	DPA-L110	BYK-110	Oil based	Excellent performance of dispersed TiO ₂ and other inorganic pigment
	DPA-L111	BYK-111	Oil based	Excellent performance of dispersed TiO ₂ and other inorganic pigment
	DPA-L401	EFKA-4010	Oil based	Excellent performance of dispersed matting powder and other inorganic pigment
	DPA-L963	Texaphor 963	Oil based	Disperse inorganic pigmented and fillers, anti-settling
	DPA-L124	/	Oil based	Use for PE primers, anti-settling, anti-chlorine
	DPA-L325	Solsperse 32500	Oil based	Excellent for dispersing organic pigment
	DPA-L104	BYK-P104S	Oil based	Special dispersion for anti-floating and anti-flaking
	DPA-L431	EFKA-4310	Oil based	Universal type, excellent for dispersion of carbon black and organic pigment
	DPA-L200T	Solsperse 20000	Oil and water based	Excellent for dispersion of carbon black and organic pigment
	DPA-L760W	TEGO-760W	water based	Suitable for grinding resin-based pastes, disperse carbon black and organic pigment
	DPA-L774W	Dispersogen 2774	water based	Suitable for disperse organic pigment
	DPA-L190W	BYK-190	water based	Universal type, excellent for disperse carbon black and organic pigment
	DPA-L755W	TEGO-755W	water based	Universal type, excellent for disperse carbon black and organic pigment
Defoaming agent	DFA-680	Elementis 6800, BYK-085	Oil based	Fast defoaming
	DFA-900	TEGO-900	Oil based	Fast defoaming
	DFA-052	BYK-052N	Oil based	Good general purpose, don't interfere with recoating
	DFA-066	BYK-066N	Oil based	Good general purpose, Cost-effective
	DFA-141	BYK-141	Oil based	Good general purpose, Cost-effective
	DFA-106W	BS WBA	water based	Mineral oil based, excellent defoaming
	DFA-107W	NOPCO NXZ	water based	Mineral oil based, excellent defoaming
	DFA-103W	TEGO-810	water based	Silicone based, fast defoaming
DFA-65D	DC65	water based	Polyether modified silicone, suitable for water-based ink, coating and adhesive	

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Leveling agent	LA-333T	BYK-333	Oil and water based	Anti-cratering, smooth feel, fast levelling
	LA-358	BYK-358	Oil based	Anti-cratering, leveling, does not affect recoating
	LA-306	BYK-306	Oil based	Anti-cratering, leveling, Cost-effective
	LA-361	BYK-361N	Oil based	Anti-cratering, leveling, does not affect recoating
	LA-57D	DC57		organic silicone, suitable for water-based ink, coating and vanish
Adhesion Promotor	AP-901T	CX 4901	Oil and water based	For metal baking, salt spray resistant
	AP-200T	Coatosil MP200	Oil and water based	Self drying, for metal and glass substrates etc, water and salt spray resistant
	AP-604T	DC-6040	Oil and water based	Self drying, for metal and glass substrates etc, water and salt spray resistant
Wetting agent	WTA-345W	BYK-346	water based	Anti-cratering, surface tension reduction, good compatibility
	WTA--245T	TEGO-245	Oil and water based	Anti-cratering, surface tension reduction, good compatibility
	WTA-270T	TEGO-270	Oil and water based	Anti-cratering, surface tension reduction, low foaming, does not affect recoating
	WTA-410T	TEGO-4100	Oil and water based	Anti-cratering, surface tension reduction, low foaming, does not affect recoating
	WTA-104ED	Air 104E	water based	Acetylenic diol, suitable for water-based ink, coating and adhesive, leather coating
	WTA-75D	OT75	water based	Sodium dioctyl sulfonated retinoate, for water-based ink, coating
Polybutyl titanate	PBT	PBT	Oil based	Reduce baking temperature, improves heat resistance
Gelling agent	GA-480			Gel thickener for offset printing inks, good gelling properties
Orange grain Hammering	GW-60/GW-66	Elementis HM-6, Sakura SKR-6004		Gives special patterns to paint films
Thickening	TH-935D	R&H 935	water based	Acrylic based, for water-based ink, coating,etc.
Slip agent	SA-51D	DC51	water based	Polyether modified silicone, for water-based ink, coating
PH regulator	PR-95D	Dow AMP95	water based	Alcoholamine mixture, for water-based ink, coating and vanish

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Product Name	Match Product	CAS NO.	Usages
Octadecyl Stearamide	Kemamide S-180, Armid SSA	13276-08-9	1) Used as lubricants, anti-adhesives and release agents for plastics, rubber, coatings, etc. 2) Use as release agents and lubricants for polycarbonate PC. 3) Lubricants and demoulding agents for engineering plastics and elastomers, as lubricants and demoulding agents for acrylics, etc.
Erucamide	AtmerSA1753, Armoslip Exp. Kemamide E/EZ, Crodamide E/ER	112-84-5	It acts as a slick, anti-adhesive and anti-fouling agent in the ink, delays the settling of pigments and fillers, aids redispersion, increases the abrasion and scratch resistance of the print, and increases the smoothness of the surface. Especially improves slip and tack resistance in overprinting.
Oleamide		301-02-0	It can be used as a functional additive in plastic surface printing inks to improve the smooth feel, scratch resistance, anti-stickiness and dispersibility of the ink, adding this product to polyethylene thermoplastic powder coatings can significantly improve the fluidity and smoothness of powder coatings. It can be used as a lubricant, slip agent, anti-scuffing agent and anti-caking additive for resins or plastics such as PE, PP, EVA, GPPS and PE.
Behenamide	Kamamide B/BR, Crodamide BR. Antiblock	3061-75-4	Mainly used as an opener for CPP, BOPP, BOPET, BOPS, BOPA, BOPO, BOPLA, BOPEN, POF and laminated films anti-adhesive, anti-scuffing agent, as a brightening agent, lubricant dispersant, slip agent
Octadecannamide/ Stearamide	Kemamide S, CrodamideS/SR/SRV	124-26-5	1) Used as lubricant and anti-adhesive for PE, PP, BOPP, EVA, LDPE, PVC and PVDC, antistatic agent for plastics, foam control agent for plastics. 2) Compounding agent for plastic pencils (refills) and inks, lubricant for coated paper and wax for precision casting. 3) It can be used as ultra-fine water-based emulsion dispersion, widely used as sensitizer for thermal paper, etc.
Palmitamide	Amide16, Amide HPL, Amide P, Diamide KP, NSC3327	629-54-9	1) Dispersants for pigments, dyestuffs and carbon black, dispersion lubricants for aluminium silver paste, etc; 2) Matting agent for soft plastic pencils (refills), crayons and inks, as well as dispersants and anti-settling agents for inks and coatings; 3) Antistatic agents for plastics and foam control agents for plastics, as well as anti-stick openers, lubricants and release agents.
Ethylene Bis Stearamide		110-30-5	1) Can be used as a waxing agent and dispersant for inks and paints, as a pigment grinding aid and dispersant in coatings, and as a dispersant for carbon black for chemical fibres, etc. 2) Can be used as a diffusing and dispersing agent for colour matching of colour powders, as well as a modifier and lubricant dispersant for ultra-fine powders.

Water based Wax Emulsion						
Type	Match Product	Raw Material	PH Value	Particle size (μm)	Solid Content (%)	Melting point (°C)
WIE-20	BS WE-1/ WE-6, MCM 39235, Keim 810, Joncry J26	HDPE	6.0-8.0	≤0.1	35	137
WIE- 20NA		HDPE	7.0-9.0	≤0.1	35	137
WIE- 20D		HDPE	6.0-8.0	≤0.1	30	137
WIE- 20140	MCM 91240, Keim 842N	HDPE	6.0-8.0	0.2-0.4	40	125
WIE - 2000N	Keim MD2000	HDPE	6.0-8.0	≤0.5	40	125
WIE-2050		HDPE	6.0-8.0	0.5-1.0	50	125
WIE-806	Keim D806, Mitsui W410, BYK 272	HDPE	6.0-8.0	2.0- 4.0	40	143
WIE- 806A		HDPE	6.0-8.0	2.0- 4.0	40	135
WIE-815A		HDPE	8.0-10.0	4.0-6.0	40	125
WIE-815B		HDPE	9.0-11.0	5.0-7.0	40	125
WPL-501	MCM 745	lignite wax	6.0-8.0	≤0.5	25	82
WPF-505A		paraffin/PE	8.0-10.0	≤0.5	30	--
WPF-50501A		paraffin	6.0-8.0	≤0.5	40	58
WPF-50501B		paraffin	6.0-8.0	≤0.1	40	58
WPF-50501C		paraffin	5.0-7.0	≤0.5	30	58
WPF-50502		paraffin	6.0-8.0	≤0.2	35	--
WPM-601	MCM ML-160HS	palm wax	7.0-9.0	≤0.2	25	84
WPM-601M		palm wax	6.0-8.0	≤0.5	25	84
WPP-801	MCM ME-43040, Keim E-668H	PP	10.0-12.0	≤0.1	35	160

Micronized Wax Type List

Model No	Particle size D50(μm)	Density	Melting Point	Counterpart Products	Application
iSuo SP-3620	6.0-8.0	0.95-0.96	115-120	L-1588SF; CC-3620; S-S-393	Ink (Offset, gravure)
iSuo SP-29	4.0-6.0	0.95-0.96	116-121	MP-615VF; C-MX9510; B-AF-29-s; D-MX-9815, CC-3620	Ink (Offset, gravure, Flexo, UV), steel & can coating
iSuo SP-C5	3.5-5.0	0.95-0.96	116-121	HW-C5	Ink (Offset, gravure)
iSuo SP-C3	3.5-5.0	0.95-0.96	120-125	HW-AC-C3	Ink (Offset, gravure)
iSuo SP-30	5.0-7.0	0.95-0.96	116-121	B-AF-30-s	Ink (Offset, gravure), powder coating
iSuo SP-5	4.0-6.0	0.95-0.97	115-121	D-MX-9815; S-394N1; M-MPP-615VF; CC-3620	Ink (Offset, gravure), wood coating, steel & can coating
iSuo SP-6	5.0-7.0	0.95-0.97	115-121	D-MX-9820, LP-1401, B-990-991, C-3620, L-1588	Ink (Offset, gravure), wood coating, powder coating, steel & can coating
iSuo SP-9	8.0-9.0	0.95-0.96	115-121	L-1588LF;	Ink (Offset, gravure), powder coating
iSuo SP-D6	5.0-6.0	0.95-0.98	116-118	D-MX-9820; HW-D-6	Ink (Offset, gravure , Flexo)
iSuo SP-31	9.0-10.0	0.95-0.98	116-118	HW-D-9; S-379H; B-AF-31,32-s	Ink (Offset, gravure , Flexo), textile ink
iSuo SP-H1	pellets	0.95-0.96	120	S-H1	Powder coating
iSuo SP990	7.0-8.5	0.96-0.97	130.00	B-990-991, C-3620, L-1588	Ink
iSuo WP-32W	5.5-7.5	0.94-0.95	110-115	C-3715; S-5223NL; B-AF-31,32-w; M-2200EF	Water based ink, wood coating, leather coating
iSuo WP-205	5.5-7.5	0.94-0.95	110-115	C-3715	Water based ink, wood coating
iSuo WP-3175	6.0-8.0	0.98	137	C-3715	Water based ink, wood coating, leather coating
iSuo SP-12	10.0-13.0	0.98	132-138	HW-A-12	Ink
iSuo SP-18	15.0-20.0	0.98	132-138	HW-A-18	Ink
iSuo PA-960K	4.0-5.0	0.95-0.97	145	L-1601, 1602; B-960; CC-3910, B-993, B-994	Powder coating
iSuo PA-993k	4.0-5.0	0.95-0.97	145	B-993, B-994	Powder coating
iSuo PA-961K	5.5-7.5	0.99-1.01	140-143	B-961, B-962, D-9220	Powder coating
iSuo PA-962K	5.5-7.5	0.99-1.01	140-145	B-961, B-962	Powder coating
iSuo 2003S	4.5-5.5	0.97-0.98	139-144	L-1400SF; S-2003;	wood coating, Powder coating
iSuo 154L	8.0-9.0	0.99	135-145	LL-1544F	wood coating, powder coating, steel & can coating
iSuo PTFE-92	1.5-2.0			S-SST-4MG	ink, powder coating, steel & can coating
iSuo PTFE-81K	2.0-3.0	2.1-2.2	323-327	S-TF-9205, B-981, L-1792	ink, powder coating, steel & can coating
iSuo PTFE-91K	39.0-41.0	2.1-2.2	323-327	B-913, B-915, B-965, L-1890	ink, powder coating

Micronized Wax Type List

Model No	Particle size D50(μm)	Density	Melting Point	Counterpart Products	Application
iSuo M-778	5.0-6.0	0.95-0.97	120-327	L-TF1778, L-TF1780; CC-9610F; B-996, CC-3920F	ink, powder coating, wood coating, steel & can coating
iSuo M-725	4.0-5.0	0.98-1.00	120-327	L-TF1725, LL-TF1789	ink, powder coating, steel & can coating
iSuo M-510D	4.0-5.0	0.98-1.00	120-327	D-9510D	ink, powder coating, wood coating, steel & can coating
iSuo M-997K	≤5	0.95-0.97	115-327	L-TF1778, B-996-998, L-1778	ink, powder coating, steel & can coating
iSuo PP-H5	5.0-6.0	0.89-0.90	150-160	HW-P-5, A-WN-1135, B-970, L-TP1362D	powder coating, floor painting
iSuo M-70	6.0-7.0	0.89-0.90	150-160	B-970, L-TP1362D	ink, powder coating
iSuo M-1362	8.5-9.5	0.96	140-150	B-970, L-TP1362D	ink, powder coating
iSuo M-56	4.0-6.0	0.99	120-250		ink, coating and leather
iSuo CN-6	5.0-7.0	0.99	80-86		ink, coating and leather
iSuo CN-4	3.0-5.0	1.18	120-320		can coating, bake coating, anish
iSuo PF-362	5.00	0.95-0.96	100.00	1588	steel & can coating, gravure ink
iSuo PF-394N	5.00	0.95-0.96	102.00	S-394N1, D-MX-9815; S-394N1; M-MPP-615VF; SS-105	steel & can coating, gravure ink
iSuo PF-15	4.00	0.94-0.95	102.00	S-SP-30, SS-105	Ink (Offset, gravure), powder coating
iSuo 9610F	7.5-9.5	0.95-0.97	128.00	CC-3920F, LL-TF1725, CC-9610F, LL-TF1789	Powder coating
iSuo 150F	3.0-4.0	0.95-0.96	120-320	MP-150	ink, steel & can coating
iSuo PA-50	Beads	-	116-119	SM-50	Ink (Offset, gravure)
iSuo S-395	5.5-7.5	0.95-0.97	115-120	D-T-3915	Ink (Offset, gravure), powder coating, can coating, wood coating
iSuo PE520	Beads	-	112.50	S-H1, C-L-PE 520	powder coating , plastic, hot-melt adhesive, textile, ink
iSuo SP-219	8.0-10.0	0.93-0.94	112-113		powder coating , plastic, textile, ink
iSuo SP-218	7.0-9.0	0.93-0.94	112-113	M-J-U2200	powder coating , plastic, textile, ink
iSuo SP-216	5.0-7.0	0.93-0.94	112-113	B-990-991, C-3620, L-1588, M-J-U2200	powder coating , plastic, textile, ink
iSuo SP-215	4.0-6.0	0.93-0.94	112-113	B-990-991, C-3620, L-1588	powder coating , plastic, textile, ink
iSuo SP-951		0.95-0.97	125.00	MX-9815 & 9510	Ink, wood coating
iSuo SP-951A	6.0-8.0	0.95-0.97	125.00	MX-9815 & 9510	Ink, wood coating