

PFAS-FREE SPECIALTY POWDER ADDITIVES

NATURAL WAX: Sustainable micronized waxes for outstanding slip and mar resistance with controlled impact on gloss and clarity.

Product	MP (°C)	Typical MV (µm)	Composition	Notes
BioSLIP® 222	102-106	5	Micronized bio-based wax alloy	Mar and slip for general industrial and can coatings
BioSLIP® 275	124-128	5	Hard carnauba wax alloy	Abrasion resistance for metal coatings
BioSLIP® 655	108-110	5	Medium hard natural wax alloy	Rub and slip for offset inks
BioSLIP® 659	124-128	6	Hardened rice bran wax powder	Slip, rub and scratch resistance
BioSLIP® 678	83-85	8	Soft natural wax alloy	Slip and gas release for powder coatings
BioSLIP® C-521	82-85	7	Modified carnauba wax alloy	Rub and release for toners and intaglio inks
BioSLIP® EA-65	147	5	Modified stearic based wax	Mar and matting additive
BioSLIP® EC-641	141-145	4	Micronized wax complex	Excellent slip and scratch for metal coatings
BioSLIP® EC-722	141-145	4	Amide based wax alloy	Slip and release for internal can coatings

SYNTHETIC WAX: Micronized Waxes with varying sizes and melting points for a wide range of applications.

Product	MP (°C)	Typical MV (µm)	Composition	Notes
SG-Wax 80G	81-99	6	Fischer-Tropsch	Slip and gas release additive for powder coatings
S-379 H/N8	100	6/12	Fischer-Tropsch	Slip and mar resistance for general coatings
S-393 N1	113	5	Fischer-Tropsch	Spherical wax additive for easy incorporation
S-394 MG/N1/N5	112	4/5/7	Fischer-Tropsch	Excellent slip and abrasion resistance
S-395 N2/N5/SP5	125	5/7/14	Polyethylene	Hard Wax for tough abrasion performance
S-400 N1/N5/A/Q	144	5/7/7/9	Amide	Slip and anti-blocking wax additive
MaxWAX™ 58	130	6	Oxidized PE	Abrasion resistance in high temperature systems
Neptune 250/5223N4	107	8/8	Oxidized PE/FT	Easy to disperse wax for polar systems
NonSKID 59/5389/25	145	8/10/25	Polypropylene	Mar and non-slip additive

SPECIALTY WAX ALLOYS: Waxallurgy based compositions formulated for a wide range of applications and performance.

Product	MP (°C)	Typical MV (µm)	Composition	Notes
S-156	126	8	Modified wax blend	Densified abrasion resistant wax with in-can stability
S-232 MG/N1/N5	110	4/5/8	Modified PE Wax	Mar and slip for general industrial and can coatings
S-363	140	5	Modified PP Wax	Excellent slip and scratch for metal coatings
S-381 N1/N5	91	6/9	Modified FT Wax	Slip, mar and feel for wood and coil coatings
HydroPEL QB	93	9	Modified paraffin	Water repellent wax additive
MaxWAX™ 70 N1/N5	132-136	5/8	Micronized wax complex	Rub and slip for offset inks and coatings
MaxWAX™ 80	126-130	5	Micronized wax complex	Enhanced abrasion resistance for can coatings
MaxWAX™ 421	125-128	5	Micronized wax complex	PFAS free alternative for FS 421 Series
MaxWAX™ 731	126-128	5	Micronized wax complex	PFAS free alternative for FS 731 Series

TEXTURING MACROPOWDERS: Controlled particle sized polymers that provide multifunctional surface effects.

Product	MP Wax (°C)	Typical MV (µm)	Composition	Notes
SPP (10,25,40,300,500)	150	10, 25, 40, 300, 500	PP	Texture for matting, rough feel and wrinkle effect
Texture W (TUF,5378,5380,5382,5384,5386,5388)	144	35, 50, 65, 80, 110, 150, 165	UHMWPE	High temperature cured abrasion resistant coatings
TexMATTE (6005,6010,6014,6017,6020,6030,6050)	-	5, 10, 14,17,20,30,50	PMMA	Matting, mar and scuff resistant fine texture additive

REGULATORY COMPLIANT (RC) MICROPOWDERS & DISPERSIONS

PTFE: The irreplaceable Regulatory Compliant Fluoropolymer based micropowders that keeps the world from wearing out.

Product	MP (°C)	Typical MV (µm)	Composition	Notes
SST®-2-RC (2, SP5, 2C, 2D)	320-330	6-8	PTFE	SST® RC-PTFE micropowders provide the ultimate in slip, mar, rub and abrasion resistance to a wide variety of surfaces, from high speed printed inks to high temperature cured metal coatings. They provide in-line transit slip and long term protection to surface coatings exposed to harsh environments.
SST®-3-RC (3, 3D, 3H, 3T1)	320-331	4-5	PTFE	
SST®-4-RC (4, MG, 4D)	320-332	2-4	PTFE	
FluoroSLIP® 225-RC	100/325	6.5	FT/PTFE	FluoroSLIP® RC micropowders are optimized blends of PTFE and waxes that provide the balance of performance and cost that both components offer in an easy-to-use composite additive. They are used in inks and coatings on multiple substrates for consistent slip, feel, matting, mar and abrasion resistance, can mobility, water repellency, release and anti-blocking.
FluoroSLIP® 421T-RC	114/325	5	FT/PTFE	
FluoroSLIP® 511-RC	125/325	5	PE/PTFE	
FluoroSLIP® 533-RC	105/325	10	PE/PTFE	
FluoroSLIP® 731MG-RC	110/325	5	Alloy/PTFE	
PowderTEX	320-330	Agglomerated Powder	PTFE	For dead matte and haptic feel in powder coatings

PTFE DISPERSIONS: The convenient easy-to-use pre-dispersed RC-PTFE enhanced wax micropowders in various systems.

Product	% Solid	Typical MV (µm)	Composition	Notes
AquaFLON® 40-RC	40	<2	PTFE/Water	Premium submicron RC-PTFE for thin film aqueous inks and coatings
AquaFLON® 52-RC	60	4	PTFE/Water	High solids RC-PTFE dispersion for general industrial & aerospace coatings
AquaFLON® 797-RC	45	7	PE/PTFE/Water	FluoroSLIP® dispersion for high abrasion metal and automotive coatings
AquaFLON® MG-RC	48	5	Alloy/PTFE/Water	Modified bio-based wax for enhanced can mobility and spin-necking
CeraSPERSE™ 174-RC	47	<2	PE/PTFE/Linseed Oil	FluoroSLIP® dispersion for offset and UV inks
CeraSPERSE™ 321BG-RC	25	<3	Alloy/PTFE/Solvent	Superfine enhanced bio-based wax for very thin film metal coatings
FluoroSPERSE® 966-RC	60	4	PTFE/Oil Varnish	Premium 4 µm RC-PTFE dispersion for high speed heat set inks and OPVs
FluoroSPERSE® 7908-RC	50	<4	PTFE/Oil Varnish	Recycled based 5 µm RC-PTFE dispersion for offset inks

PFAS-FREE AQUEOUS DISPERSIONS

AQUEOUS EMULSIONS/DISPERSIONS: A range of pre-dispersed micronized waxes for water based systems.

Product	% Solid	Typical MV (µm)	Composition	Notes
HydroCER® 59	30	8	PP	Non-skid dispersion with good rub resistance
HydroCER® 135	35	8	Amide	Bio-based wax dispersion for extreme slip and anti-blocking
HydroCER® 257	45	10	Fischer-Tropsch	Excellent slip and mar resistant FT wax dispersion
HydroCER® AD (FT, PE)	60	6	FT, PE Dismulsion®	Unique bimodal micronized wax for optimum slip and rub in flexo inks and coatings
HydroCER® AE (PE)	25-40	<1	PE emulsion	Slip, rub, scuff and burnish resistance for high gloss flexo inks & coatings
HydroCER® AE (Paraffin)	30-50	<1	Paraffin based emulsion	Water repellency and water beading in packaging and exterior coatings
HydroCER® AE (PP)	40	<1	PP based emulsion	Anti-skid and traction with excellent clarity for wood coatings
HydroCER® EC (Carnauba)	35-37	<1	Carnauba emulsion	Bio-based emulsion for slip, anti-blocking, scuff resistance and high gloss retention



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