

Parchvale Limited

The Glissawax Range

Since its foundation, Parchvale Limited has developed The Glissawax Range; a group of high quality, micronized wax products for use in a range of different surface coatings including liquid and paste printing inks, powder coatings, metallic inks, water-based coatings and coil coating applications.

Parchvale Limited has the knowledge and experience to address and tackle a diverse range of surface coating issues. We work closely with our customers to understand their products and requirements to enable us to provide the best solutions.

Contact us

If you have a query regarding your surface coating product and wish to seek advice on wax additives and how they can assist your business, please contact us by telephone or email for an initial discussion. Samples available on request.

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| PE WAXES | | Glissawax PSF-7 |
|---|--|-------------------|
| Material | | PE |
| CAS No. | | 9002.88.4 |
| Form | | Micronised Powder |
| Colour | | White |
| Softening Point (°C) | | 110 - 118 |
| Penetration (0.1 dmm @ 25°C) | | 2 (Max) |
| Specific Gravity (gms/cm ³) | | 0.93 - 0.96 |
| Average Particle Size (µ) | | 7 - 9 |
| 99% Passing (µ) | | 30 |

| PARAFFIN PE WAX | | Glissawax 8015 |
|---|--|-------------------|
| Material | | Paraffin PE |
| CAS No. | | 8002.74.2 |
| Form | | Micronised Powder |
| Colour | | White/Off White |
| Congeaing Point (°C) | | 80 - 85 |
| Penetration (0.1 dmm @ 25°C) | | 4 - 9 |
| Specific Gravity (gms/cm ³) | | 0.91 - 0.93 |
| Average Particle Size (µ) | | 5 - 15 |
| 99% Passing (µ) | | 40 |

| HARD PE WAXES | | Glissawax 144-035 | Glissawax 144-050 | Glissawax 144-080 | Glissawax 144-130 |
|---|--|-------------------|-------------------|-------------------|-------------------|
| Material | | Hard PE Wax | Hard PE Wax | Hard PE Wax | Hard PE Wax |
| CAS No. | | 9002.88.4 | 9002.88.4 | 9002.88.4 | 9002.88.4 |
| Form | | Powder | Powder | Powder | Powder |
| Colour | | White | White | White | White |
| Flash Point (°C) | | 232 | 232 | 232 | 232 |
| Specific Gravity (gms/cm ³) | | 0.93 | 0.93 | 0.93 | 0.93 |
| Average Particle Size (µ) | | 35 | 50 | 80 | 130 |
| Dosage (%) | | 5 - 10 | 5 - 10 | 5 - 10 | 5 - 10 |

| FT/PTE WAX BLENDS | | Glissawax Extra | Glissawax Plus | Glissawax TP 180 SF | Glissawax TP 815 SF |
|---|--|-----------------------|-----------------------|-----------------------|-----------------------|
| Material | | FT / PTFE | FT / PTFE | FT / PTFE | FT / PTFE |
| CAS No. | | 8002.74.2 / 9002.84.0 | 8002.74.2 / 9002.84.0 | 8002.74.2 / 9002.84.0 | 8002.74.2 / 9002.84.0 |
| Form | | Micronised Powder | Micronised Powder | Micronised Powder | Micronised Powder |
| Colour | | White | White | White | White |
| Congeaing Point of Wax (°C) | | 102 - 106 | 102 - 106 | 102 - 106 | 102 - 106 |
| Melting Point of PTFE (°C) | | 320 | 320 | 320 | 320 |
| Penetration (0.1 dmm @ 25°C) | | 1 (Max) | 1 (Max) | 1 (Max) | 1 (Max) |
| Specific Gravity (gms/cm ³) | | 1.00 - 1.05 | 1.07 - 1.10 | 1.00 - 1.05 | 1.07 - 1.10 |
| Average Particle Size (µ) | | 5 - 9 | 5 - 9 | 5 - 9 | 5 - 9 |
| 99% Passing (µ) | | 30 | 30 | 30 | 30 |

| FT/PP WAX BLENDS | | Glissawax CP20 | Glissawax CP30 | Glissawax PEP 15 |
|---|--|-----------------------|-----------------------|-----------------------|
| Material | | FT / PP | FT / PP | FT / PP |
| CAS No. | | 8002.74.2 / 9003.07.0 | 8002.74.2 / 9003.07.0 | 8002.74.2 / 9003.07.0 |
| Form | | Micronised Powder | Micronised Powder | Micronised Powder |
| Colour | | White | White | White |
| Congeaing Point of Wax (°C) | | 96 - 100 | 96 - 100 | 102 - 106 |
| Melting Point of PP (°C) | | 140 | 140 | 140 |
| Penetration (0.1 dmm @ 25°C) | | 1 (Max) | 1 (Max) | 1 (Max) |
| Specific Gravity (gms/cm ³) | | 0.93 - 0.97 | 0.93 - 0.97 | 0.95 - 0.97 |
| Average Particle Size (µ) | | 4 - 9 | 4 - 9 | 5 - 9 |
| 99% Passing (µ) | | 35 | 35 | 30 |

| SPRAYED FT WAXES | | Glissaspray 8 | Glissawax FT7 |
|---|--|-------------------------|-------------------------|
| Material | | FT | FT |
| CAS No. | | 8002.74.2 | 8002.74.2 |
| Form | | Spray-Micronised Powder | Spray-Micronised Powder |
| Colour | | White | White |
| Congeaing Point (°C) | | 102-106 | 96-100 |
| Penetration (0.1 dmm @ 25°C) | | 1 (Max) | 1 (Max) |
| Specific Gravity (gms/cm ³) | | 0.95 - 0.99 | 0.95 - 0.97 |
| Average Particle Size (µ) | | 5 - 9 | 4 - 7 |
| 99% Passing (µ) | | 30 | 35 |

| AMIDE WAXES | | Glissamide 14010 | Glissamide 14060 |
|---|--|------------------|------------------|
| Material | | Amide | Amide |
| CAS No. | | 9002-110-30-5 | 9002-110-30-5 |
| Form | | Powder | Powder |
| Colour | | Off White | Off White |
| Melting Point (°C) | | 140 - 146 | 140 - 146 |
| Flash Point (°C) | | 295 ± 10 | 295 ± 10 |
| Specific Gravity (gms/cm ³) | | 0.96 - 0.99 | 0.96 - 0.99 |
| Average Particle Size (µ) | | 7 - 14 | 50 - 60 |
| Dosage (%) | | 1 - 2 | 1 - 2 |

| PP & PTFE WAXES | | Glissawax 14205 | Glissawax PTFE |
|---|--|-------------------|-------------------|
| Material | | PP | PTFE |
| CAS No. | | 9003.07.0 | 9002.84.0 |
| Form | | Micronised Powder | Micronised Powder |
| Colour | | White | Off White |
| Melting Point (°C) | | 140 - 144 | 320 |
| Specific Gravity (gms/cm ³) | | 0.92 - 0.96 | 2.10 - 2.20 |
| Average Particle Size (µ) | | 4 - 7 | 4 - 6 |
| 99% Passing (µ) | | 30 | 15 |

| FT/PTE/PP WAX BLEND | | Glissawax Ultra |
|---|--|-----------------------------------|
| Material | | FT / PTFE / PP |
| CAS No. | | 8002.74.2 / 9002.84.0 / 9003.07.0 |
| Form | | Micronised Powder |
| Colour | | White |
| Congeaing Point of Wax (°C) | | 102 - 106 |
| Melting Point of PTFE (°C) | | 320 |
| Penetration (0.1 dmm @ 25°C) | | 1 (Max) |
| Specific Gravity (gms/cm ³) | | 1.03 - 1.08 |
| Average Particle Size (µ) | | 5 - 9 |
| 99% Passing (µ) | | 30 |

| WAX EMULSIONS | | Wax Emulsion E18-40N | Wax Emulsion 3700 |
|---|--|--------------------------------|--------------------------------|
| Material | | Oxidised PE | Oxidised PE |
| Form | | Non-ionic Translucent Emulsion | Non-ionic Translucent Emulsion |
| Colour | | Light Brown | Off White |
| Solid Content (%) | | 40 (± 2) | 26 - 36 |
| Specific Gravity (gms/cm ³) | | 0.98 - 1.00 | 0.998 - 1.002 |
| Softening Point of Wax (°C) | | 102 | 130 |
| Viscosity (cPs @ 20°C) | | 80 | 75 - 80 |
| Dosage (%) | | 3 - 5 | 3 - 5 |

Key

Unmodified Waxes

Wax Blends

Wax Emulsions