

Target Market Segments

Application	Wax Function & Benefits
Adhesive & Hotmelt	<ol style="list-style-type: none">1) Viscosity modifier2) Control 'open time' (setting rate)3) Enhance bond flexibility
Candle	<ol style="list-style-type: none">1) Crystallinity modifier (improved opacity, shrinkage)2) Binder (reduced oil & fragrance bleed)3) Tackifier (improved container adhesion)4) Enhance rigidity & melting point (for wick waxes)
Ceramics	<ol style="list-style-type: none">1) Binder for ceramic powder during molding process2) Volatility during sintering (firing) with no ash residue
Cheese & Other Food Coatings	<ol style="list-style-type: none">1) Promote flexibility (Moisture barrier and preservation)
Coatings (& rust preventatives)	<ol style="list-style-type: none">1) Rheology modifier (viscosity control, anti-settling)2) Gellant (anti-settling)3) Adhesion promoter & water repellency (anti-corrosion)
Crayons	<ol style="list-style-type: none">1) Binder and base material (improved toughness)2) Control spread (writing properties)
Dental	<ol style="list-style-type: none">1) Base material for dental molding/impression compounds
Electric	<ol style="list-style-type: none">1) Dielectric agent for capacitors/condensers2) Encapsulating (potting) agent for electronics
Explosives	<ol style="list-style-type: none">1) Phlegmatizer (De-sensitizing agent)2) Binding agent3) Plasticizing agent for high explosive (Plastic explosives)
Gum & Gum Base	<ol style="list-style-type: none">1) Masticatory agent (control chew texture)2) Carrier for polymers/rubber during compounding

Target Market Segments (cont)

Application	Wax Function & Benefits
Inks	<ol style="list-style-type: none">1) Gellant for solvent oils2) Modify melt properties in heat set inks3) Modify slip, scuff and mar resistance
Injection Metal Molding	<ol style="list-style-type: none">1) Binder for metal powder during molding process2) Volatility during sintering (firing) with no ash residue
Investment Casting	<ol style="list-style-type: none">1) Binder and base material (reduced shrinkage)2) Provide dimensional stability to mold
Packaging	<ol style="list-style-type: none">1) Laminating/adhesive2) Control flexibility, moisture barrier of coatings
Paints	<ol style="list-style-type: none">1) Rheology modifier (viscosity control, anti-settling)2) Gellant (anti-settling)
Personal Care & Cosmetics	<ol style="list-style-type: none">1) Binder and base material2) Gellant & structuring agent3) Rheology modifier4) Emollient & lubricity
Polish	<ol style="list-style-type: none">1) Gellant for solvent2) Buffing aid (provide gloss)
Polymers & Plastics	<ol style="list-style-type: none">1) Viscosity modifier (for PE and PP extrusion)2) Anti-block additive (for certain copolymers)
Rubber	<ol style="list-style-type: none">1) Antiozonant component2) Modify bloom rate and temperature of wax
Vine Grafting	<ol style="list-style-type: none">1) Promote flexibility and adhesion of wax costing to vine2) Carrier for growth hormones