

OPTIMELT™ TECHNOLOGY FOR HOT MELT EXTRUSION

Bioavailability enhancement for poorly soluble APIs.

With our unique ability to formulate, develop and commercialize hot melt extrusion processes and integrate them into differentiated final dosage forms, we can help you turn poorly soluble APIs into better treatments.

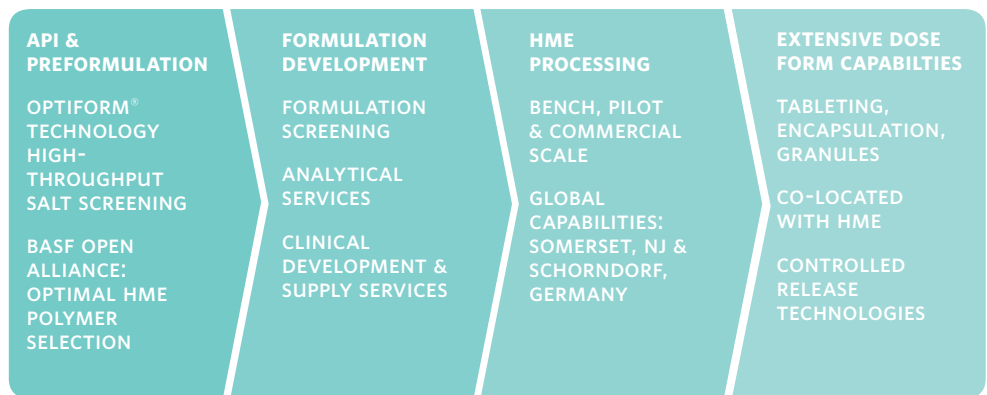
Effective Development & Commercialization

From pre-formulation to feasibility to development to commercialization, OptiMelt™ technology can help increase the total value of your product at all stages:

- Optimize product efficacy, safety and release properties
- Increase clinical success rate
- Reduce time to market

Integrated Solutions

Catalent's OptiMelt™ platform integrates bioavailability enhancement with drug formulation technologies, providing a holistic approach to optimizing poorly soluble drug and development programs.





Broad Range of Final Dosage Forms

OptiMelt™ technology for hot melt extrusion enables a wide variety of controlled release profiles and differentiated final dosage forms.

CONTROLLED RELEASE PROFILES	DOSAGE FORMS
Immediate	Tablets
Sustained/extended	· COATED
Enteric (targeted)	· UNCOATED
Pulsatile	· FIXED DOSE COMBINATIONS
Delayed	Capsules
	Powders
	Beads
	Pellets
	Granules



Why Catalent Hot Melt Extrusion?

- Pilot to development to commercial-scale capabilities, including potent and controlled drug handling, as well as twin screw extruders for optimal process control
- Broadest selection of co-located downstream processing technologies
- Integrated solutions provider, including development, formulation, scale-up, manufacturing and packaging
- Formulation acceleration and optimization with open Catalent-BASF bioavailability alliance
- Global regulatory support and expertise
- Over 80 years of industry experience



FACILITY	SOMERSET, NJ USA	SCHORNDORF, GERMANY
EXTRUDER SIZE	11 mm 18 mm (GMP) 27 mm (GMP)	11 mm 27 mm (GMP)
EXTRUDER OUTPUT	20 - 500 g/h 0.5 - 5 kg/h 1 - 20 kg/h	20 - 500 g/h 1 - 20 kg/h
AUXILIARY EQUIPMENT	Volumetric feeder Cooling conveyer Milling Broad dose form capabilities	Gravimetric feeder Cooling conveyer Milling: multi-cut strand pellitizer, mini calander Broad dose form capabilities

Enhance the bioavailability of your poorly soluble molecule with OptiMelt™ technology.

more products.
better treatments.
reliably supplied.™

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