

# EUDRAGIT® functional polymers

The versatility and reliability to address specific API and formulation requirements for your oral solid dosage forms



# TAKE CONTROL OF YOUR RELEASE PROFILE WITH EUDRAGIT

## IMMEDIATE RELEASE:

- Taste and odor masking, light and moisture protection
- Swallowability improvement
- Soluble in gastric fluid up to pH 5.0
- Swellable and permeable above pH 5.0
- Low viscosity
- High pigment binding capacity
- Excellent adhesion
- High effectiveness in thin coatings

EUDRAGIT® E 100	Granules
EUDRAGIT® E 12,5	Organic solution
EUDRAGIT® E PO	Powder
EUDRAGIT® E PO ReadyMix	Powder

## DELAYED RELEASE:

- Easily combined to achieve a specific dissolution pH
- Highly stable, with rapid dissolution for precise targeting
- Well-defined characteristics to safeguard the gastric mucosa from aggressive actives
- Able to protect the transit of APIs sensitive to gastric fluid

## Small Intestine:

EUDRAGIT® L 30 D-55	Aqueous dispersion	soluble above pH 5.5
EUDRAGIT® L 100-55	Powder	soluble above pH 5.5
EUDRAGIT® FL 30 D-55 <b>NEW</b>	Aqueous dispersion	soluble above pH 5.5
EUDRAGIT® L 100	Powder	soluble above pH 6.0
EUDRAGIT® L 12,5	Organic solution	soluble above pH 6.0

## Value-adding products:

PlasACRYL® HTP20

Easy-to-use glidant and plasticizer premix, specifically designed for EUDRAGIT® L 30 D-55 formulations

## Colonic delivery:

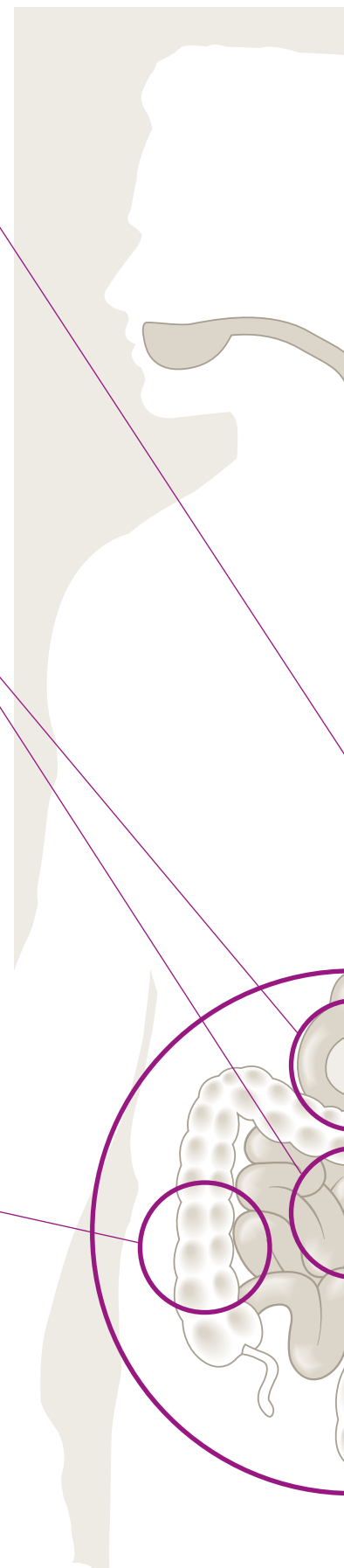
EUDRAGIT® S 100	Powder	soluble above pH 7.0
EUDRAGIT® S 12,5	Organic solution	soluble above pH 7.0
EUDRAGIT® FS 30 D	Aqueous dispersion	soluble above pH 7.0
EUDRAGIT® FS 100	Powder	soluble above pH 7.0

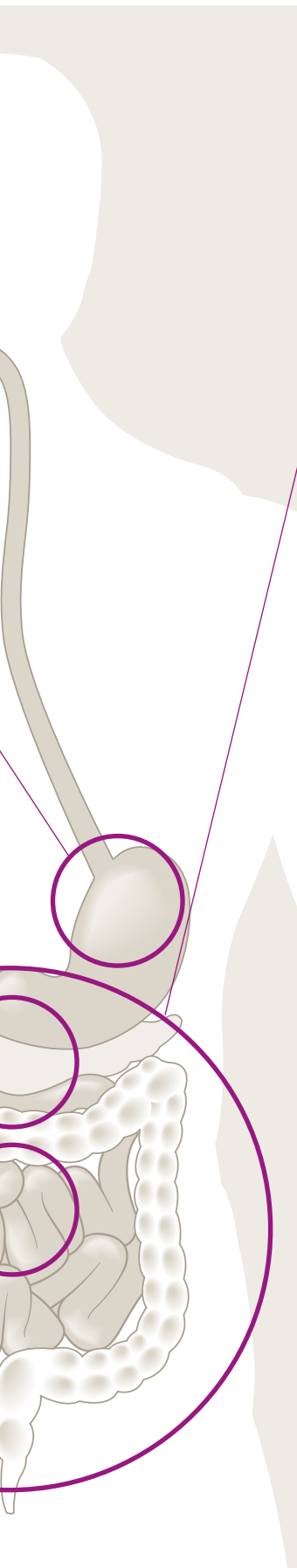
## Value-adding products

PlasACRYL® T20

Easy-to-use glidant and plasticizer premix, specifically designed for EUDRAGIT® FS 30 D formulations

*Monographs and DMFs are available for all EUDRAGIT® polymers upon request.*





## SUSTAINED RELEASE

- Multiple combination options to control delivery throughout the GI tract
- Solutions for once-per-day dosing, pulsatile release and other custom profiles
- Insoluble with pH-independent permeability
- Flexible options for high or low permeability

EUDRAGIT® RL PO	Powder
EUDRAGIT® RL 100	Granules
EUDRAGIT® RL 30 D	Aqueous dispersion
EUDRAGIT® RL 12,5	Organic solution

- Insoluble, high permeability, pH-independent swelling
- Customized release profiles by combining with EUDRAGIT® RS at different ratios

EUDRAGIT® RS PO	Powder
EUDRAGIT® RS 100	Granules
EUDRAGIT® RS 30 D	Aqueous dispersion
EUDRAGIT® RS 12,5	Organic solution

- Insoluble, low permeability, pH-independent swelling
- Customized release profiles by combining with EUDRAGIT® RL at different ratios

## SOLUBILITY AND BIOAVAILABILITY ENHANCEMENT

- Polymer, process technology and formulation solutions
- Specialized in solid dispersions, API and silica technologies
- Well-defined processing characteristics for spray drying and hot melt extrusion
- Robust thermoplastic properties
- Broad miscibility with APIs and excipients
- Down-streaming and further processing options
- Predictive systems to select lead carrier excipients and process parameters for trials

### Immediate Release

EUDRAGIT® E 100  
EUDRAGIT® E PO  
EUDRAGIT® E 12,5

### Colon Targeting

EUDRAGIT® FS 100  
EUDRAGIT® S 100

### Delayed Release

EUDRAGIT® L 100  
EUDRAGIT® L 100-55  
EUDRAGIT® L 12,5

## Chematic® for equipment cleaning

- Customized detergents for EUDRAGIT® RL, RS, NE, NM, L, FL, FS and S
- Suitable for WIP, CIP and manual processes
- Highest cleaning effectivity
- Fast and safe cleaning process

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