

# APPLICATION OVERVIEW IN THE FIELD OF FLEXIBLE POLYMERS

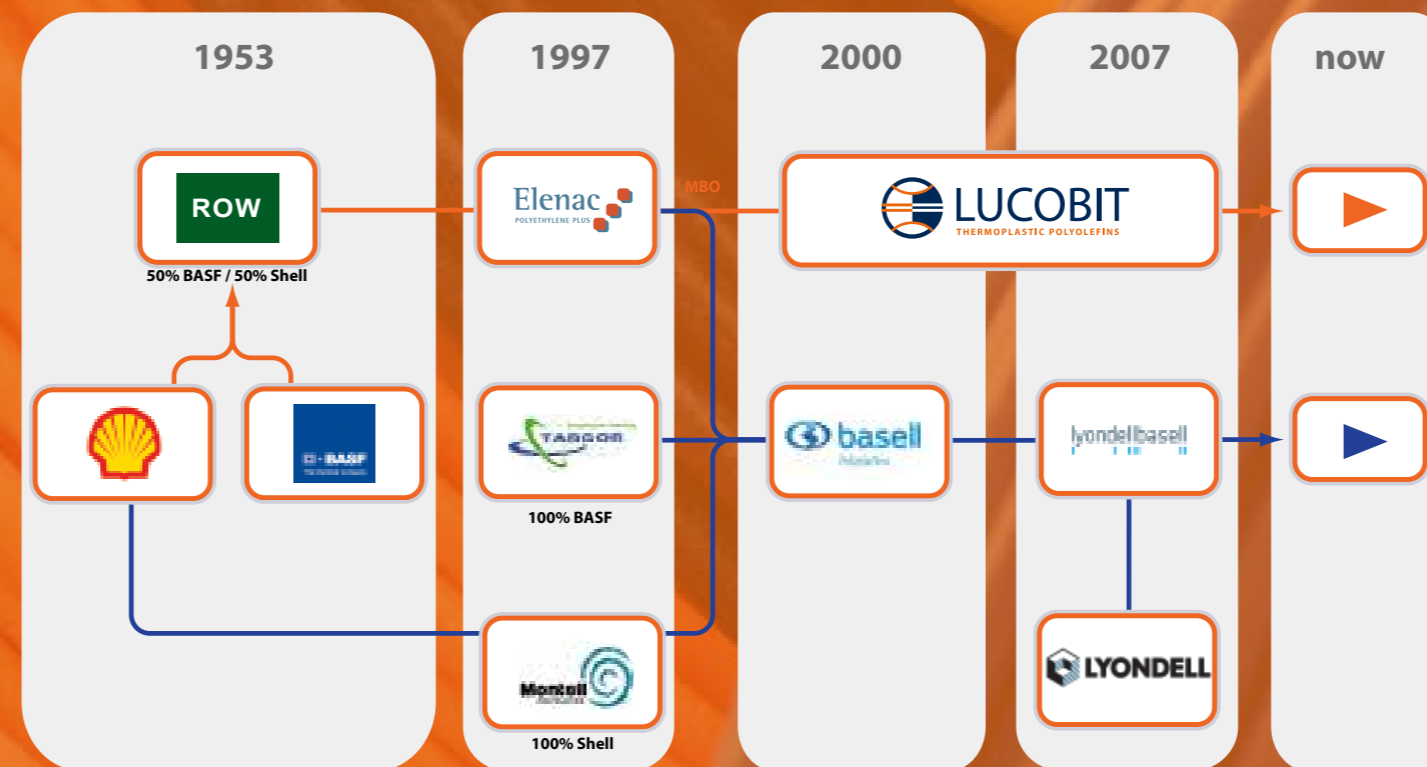


... we improve your polymer



# YOUR PARTNER FOR FLEXIBLE POLYMERS

LUCOBIT WAS FOUNDED IN THE YEAR 2000. AS LUCOBIT® WAS DEVELOPED AND PATENTED BY BASF MORE THAN 40 YEARS AGO, LUCOBIT HAS BEEN ABLE TO ACQUIRE MUCH MORE EXPERIENCE AND KNOWLEDGE IN THE FLEXIBLE POLYMERS MARKETS. COMPETENCE, EXPERIENCE AND THE SPECIALIST KNOW HOW ARE THE MEANS THAT ALWAYS HELP TO IMPROVE AND INNOVATE TECHNOLOGIES. AS A FIRST CLASS POINT OF REFERENCE IN NATIONAL AND INTERNATIONAL MARKETS, LUCOBIT PROVIDES A COMPLETE CONSULTANCY FROM SPECIFICATIONS TO COMPANY'S ASSISTANCE.



# INNOVATIVE GERMAN TECHNOLOGY FOR FLEXIBLE POLYMERS AROUND THE WORLD

AS A FLEXIBLE AND GROUP-INDEPENDENT COMPANY, LUCOBIT IS PRESENT AND ACTING IN ALL SIGNIFICANT FLEXIBLE POLYMERS MARKETS AROUND THE WORLD - SUPPORTED BY TECHNICAL SALES REPRESENTATIVES ASSISTING WITH FULLY CUSTOMIZED COMPETENCE. INNOVATIVE AND TAILOR-MADE SOLUTIONS, FIRST CLASS SERVICES COMBINED WITH ADVANCED AND SPECIALISED TECHNOLOGIES ARE THE KEY TO SUCCESS CONCERNING PERFORMANCES OF THE FLEXIBLE POLYMERS MATERIALS.

# APPLICATIONS IN F

## Extrusion Coating and Lamination

Cardboard, aluminum foils, textiles, plastic films, sheets... no matter what substrate you want to get extrusion coated.

## Wire & Cable Compound

Lucofin®: Productivity increase, improved low temperature properties, better aging properties and improved hydrolysis resistance.

## Foam

Cushioning comfort improved due to more effective energy absorption, cell size reduction combined with improved thermal insulation.

## Compound and Masterbatch

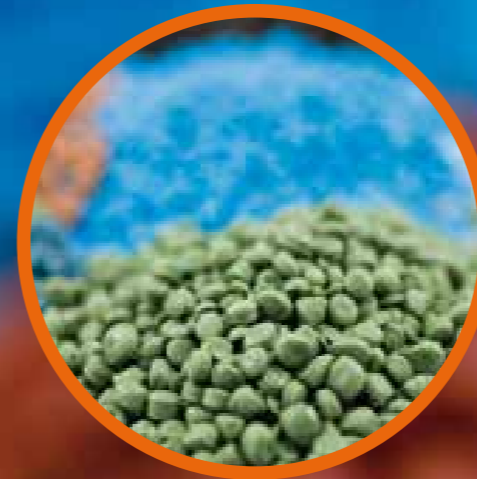
Our thermoplastic copolymer depicts incredible versatility ranging from flexibility, high temperature stability, chemical resistance etc.

## Recycling

Lucofin®: Our thermoplastic copolymer is used as a compatibilizer additive and a processing aid.

## Injection Moulding

Our thermoplastic copolymer depicts incredible versatility ranging from flexibility, high temperature stability, chemical resistance etc.

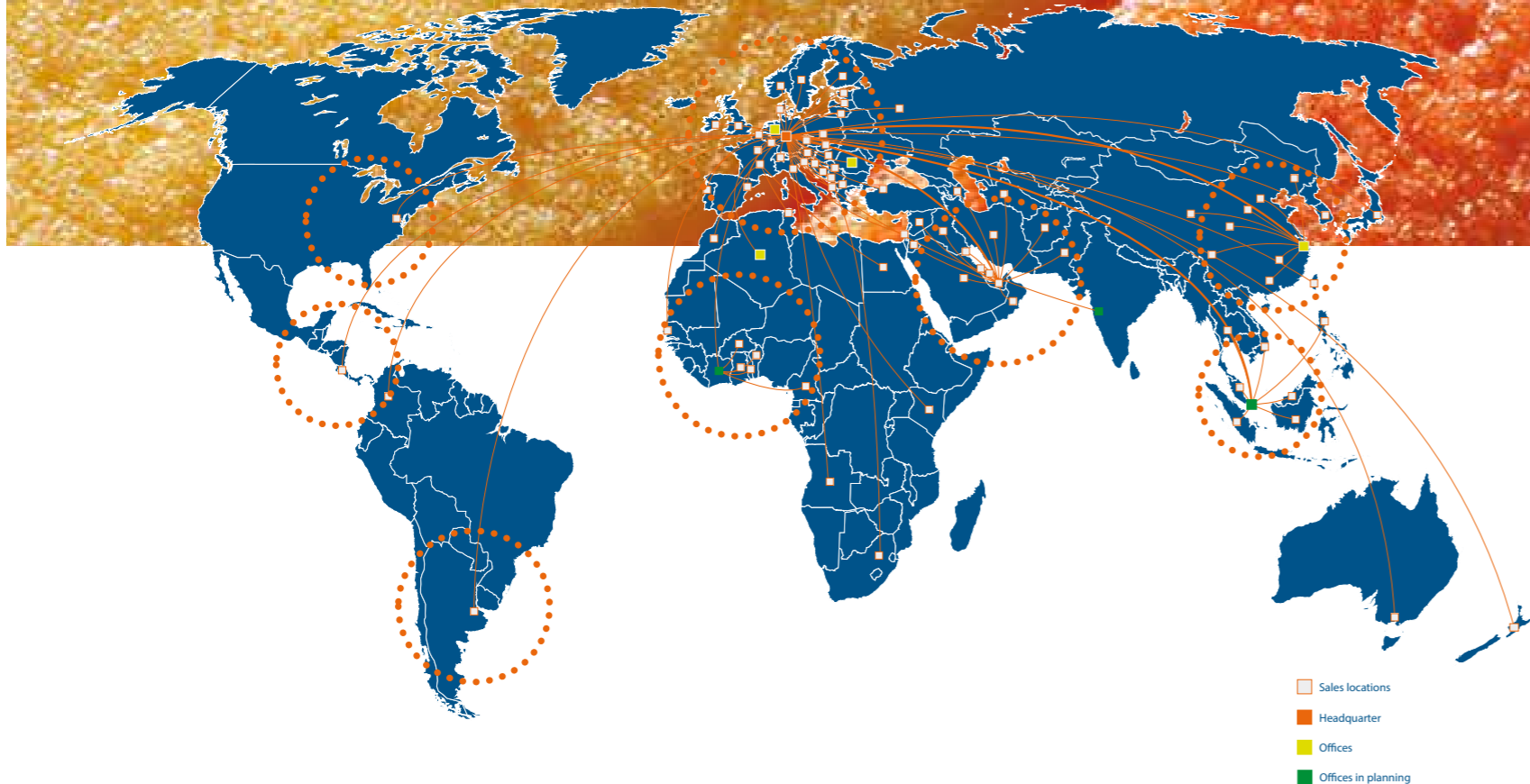
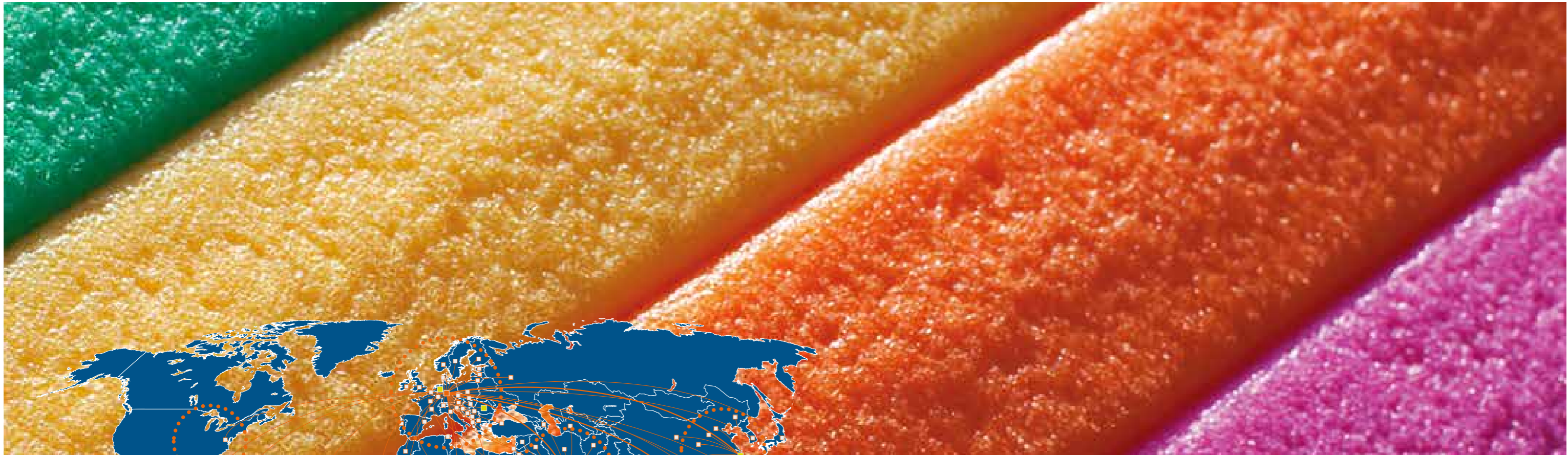


# FLEXIBLE POLYMERS

## Lucofin<sup>®</sup> 1400HN-1400MN-1400PN Comparison

Specification	MFR(190/2.16) [g/10 min]	Comonomer content (%)	Shore A	MP [°C]	Vicat-T [°C]	E-modulus [Mpa]
Lucofin <sup>®</sup> 1400HN	1,4	16	90	96	70	62
Lucofin <sup>®</sup> 1400MN	7.0	17	88	95	60	45
Lucofin <sup>®</sup> 1400PN	15	17	88	95	60	45

# LOCATIONS WORLDWIDE



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