

Boost your brilliance with method !



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**How to improve  
the compounds processing  
experience by your customers ?**

*- tube & profile manufacturers -*



**BOOST EXTRUSION**

by **HSP** 



# Boost method

by HSP



TESTING & VALIDATING  
YOUR COMPOUNDS ON  
AN INDUSTRIAL EXTRUSION  
LINE BEFORE DELIVERING  
THEM TO YOUR  
CUSTOMERS

...

A **HIGH VALUE-ADDED** service for  
YOU... and YOUR CUSTOMERS!

## THANKS TO THE COMPOUNDS QUALIFICATION...

### Secure the production of your tube and profile manufacturers

- Reduce the risk of non-conformity and production shutdown

### Guarantee your grades' quality, reproductibility and stability

- Optimization of your production process and of your grades' performance

### Gain knowledge about the behaviour of your material during processing steps

such as plasticizing or calibration

### Accelerate the marketing of your grades before launching them

### Avoid the additional costs related to product returns

### Distinguish yourself from your competitors with an enhanced service offering

### Increase your customers' confidence and overall satisfaction

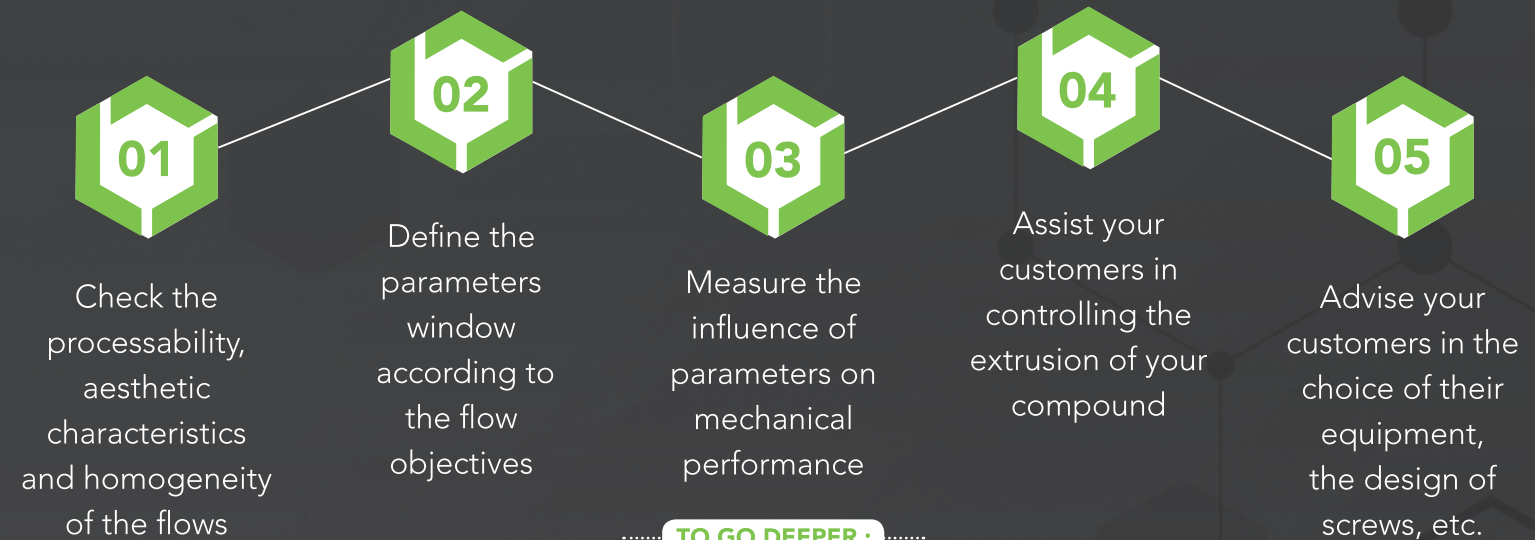
### Develop new market opportunities

## QUALIFICATION OF EXTRUSION COMPOUNDS

### QUALIFICATION GOALS :

Assess the quality of the compounds : melt strength, thermal stability, aesthetic aspects, smell, plasticizing behaviour, tendency to degrade, deposits seen during disassembly, etc.

Capitalize on the results obtained in order to meet the requirements of the specifications.



#### TO GO DEEPER :

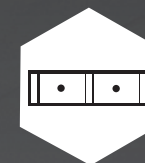
Define a maximum internal recycling rate

### QUALIFICATION ON OUR LINE

#### 4 single-wall and tubular tools



Réf. 076  
43 x 16 mm



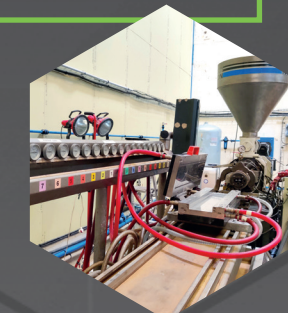
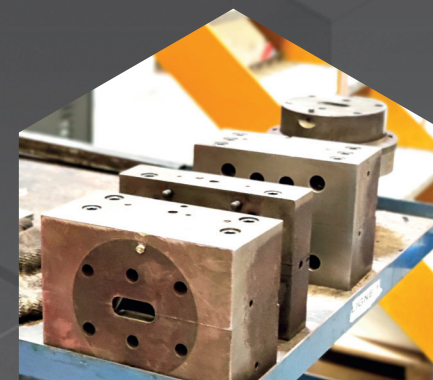
Réf. 2050  
100 x 25 mm



Réf. 2074  
100 x 50 mm



Réf. 5074  
40 x 30 mm



### EXAMPLES OF DELIVERABLES

#### ● Trial report

- > Parameters sheet
- > Observation comments (for instance smell, plasticization behaviour, degradation tendency, deposits seen during disassembly, etc.)
- > Throughput curve in comparison with a reference material

#### ● Samples

- > Samples from the exit of the die (not calibrated)
- > Calibrated profile samples (if successful)

#### ● Perspectives, Advice & Recommendations





**HSP** HUMAN SOLUTIONS FOR PLASTICS

# BOOST EXTRUSION

by **HSP**



## HSP CONSULTING

TROUBLESHOOTING | ENGINEERING



TRAINING



## HSP FACTORY

PRODUCTION | INNOVATION



MATERIALS



## HSP DEVELOPMENT

CUSTOM LINES | PROTOTYPING



TOOLINGS

## Global extrusion solutions by innovative people

Under the Boost Extrusion brand, HSP's three business units express a **common MISSION** :  
**to help manufacturers who use extrusion to PRODUCE BETTER AT ALL LEVELS.**

More than a brand, Boost Extrusion is an effective and proven "**METHOD**",  
**A METHOD CENTERED ON PEOPLE, understanding their needs and constraints.**

Convinced that technology can only be effective if it is designed and used with **the user's experience** in mind, we support you towards performance, engineering and innovation by creating  
**TURNKEY AND CUSTOMIZED EXTRUSION SOLUTIONS**  
**at the human, organizational, technical and operational levels.**

Boost Extrusion: the **REFERENCE PARTNER** for your extrusion projects,  
**CREATOR OF SUSTAINABLE VALUE for your company, your employees and your customers !**

*Let's boost your brilliance with method !*