

**FLEXILIS**  
INNOVATIVE SOLUTIONS

**VCF**  
Vladislav Chemical Factory

European Material  
Solutions for  
**Industrial Tire  
Production**



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## European Material Solutions for Industrial Tire Production

Processing Stability

Cost-Focused Material Solutions

Regulatory Reliability





## Where Material Decisions Impact Production Cost



**Cost Reduction** via Process Stability  
and Scrap Reduction



**Reduction of Variability**  
in Processing



**Lower Production Losses**  
across Continuous Manufacturing

## **Material Solution** Areas for Tire Manufacturing

Processing Aids

Plasticizers

Homogenizers & Resins



## / Energy, Raw materials, Circular Production

 VCF uses electricity exclusively from its own **biogas** production

 VCF uses a **100% circular system** for **process water**

 VCF uses only residues and industrial waste from **refineries** and **food production industries**

 VCF collects all production residues, **separates,** and **re-uses** them in production





## Granulation

VCF has developed a new granulation approach in cooperation with Swiss and Austrian technology leaders

01

New granulation technology

02

10.000 mt/year capacity

03

Best material shape for handling and dosage

04

Feed stock based on industrial residues



# Let' s Discuss Our Common Opportunities

Tire Technology Expo  
2026 in Hannover



