

# CALCINED NEUBURG SILICEOUS EARTH POLYPHENYLENE SULFIDE (PPS) 40 % FILLER CONTENT

## OBJECTIVE

### Performance of Aktifit AM and Aktifit PF 115

Surface Treated  
Glass Beads

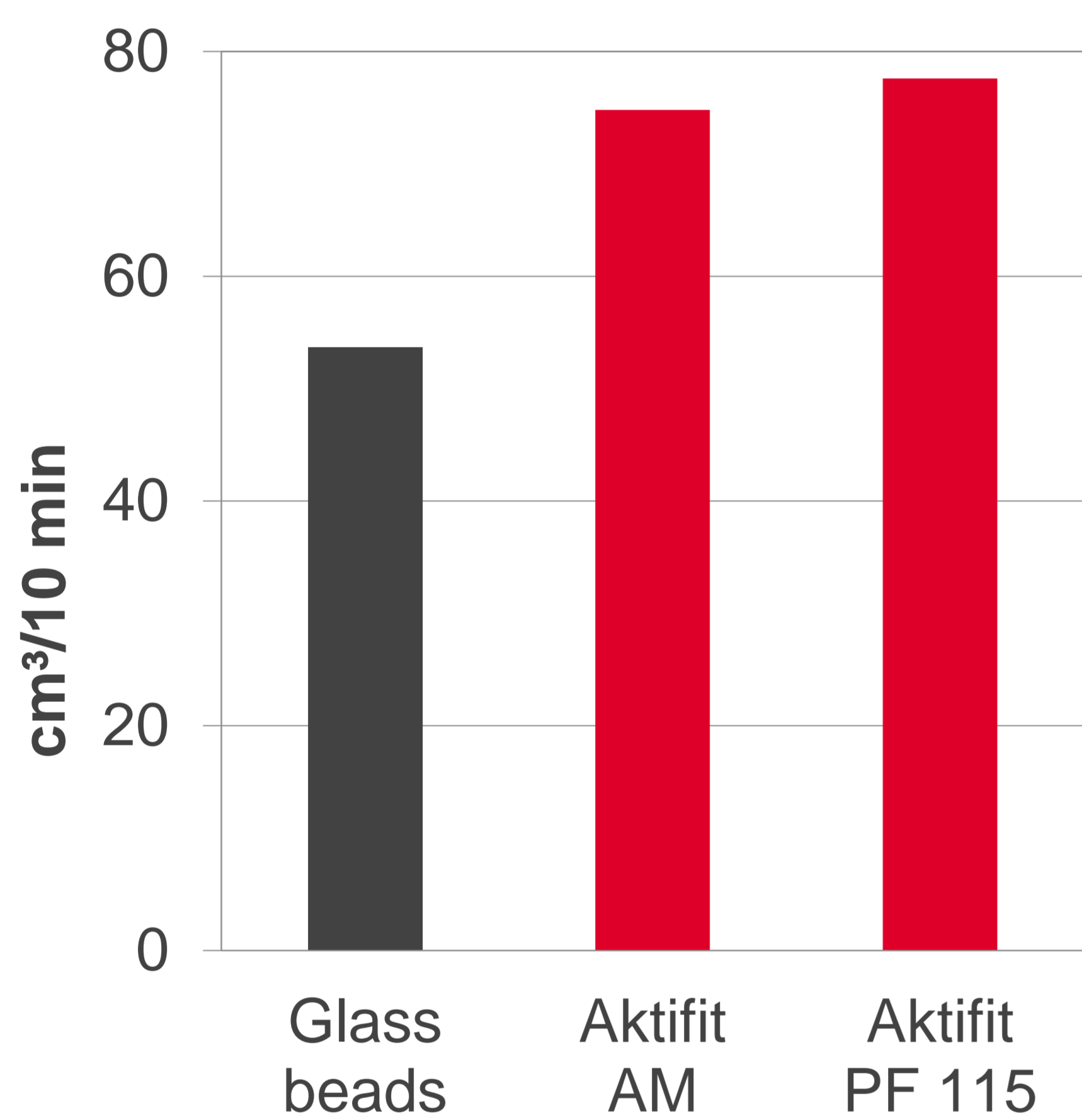


Neuburg Siliceous Earth:

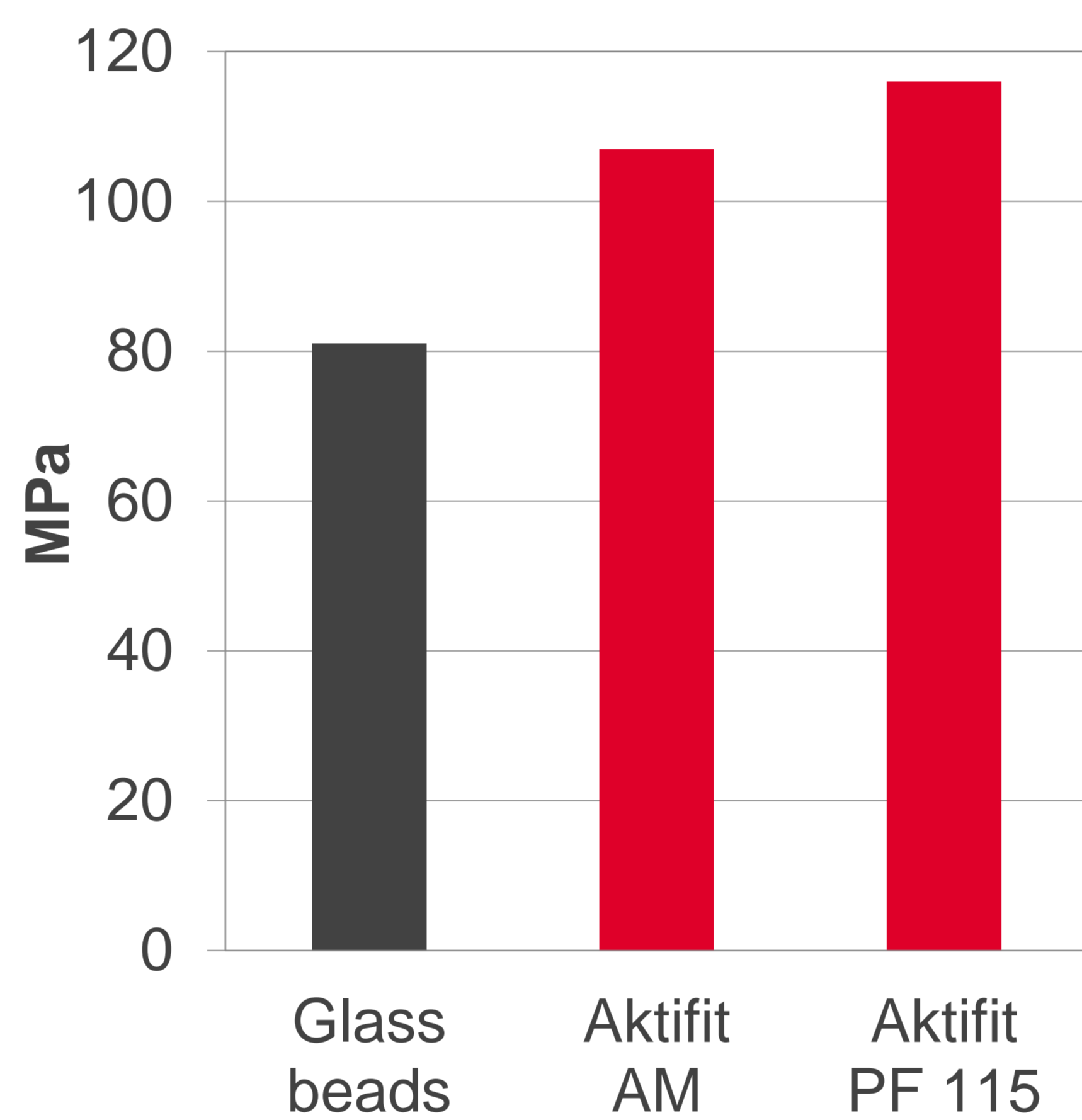
**Aktifit AM**  
**Aktifit PF 115**

## RESULTS

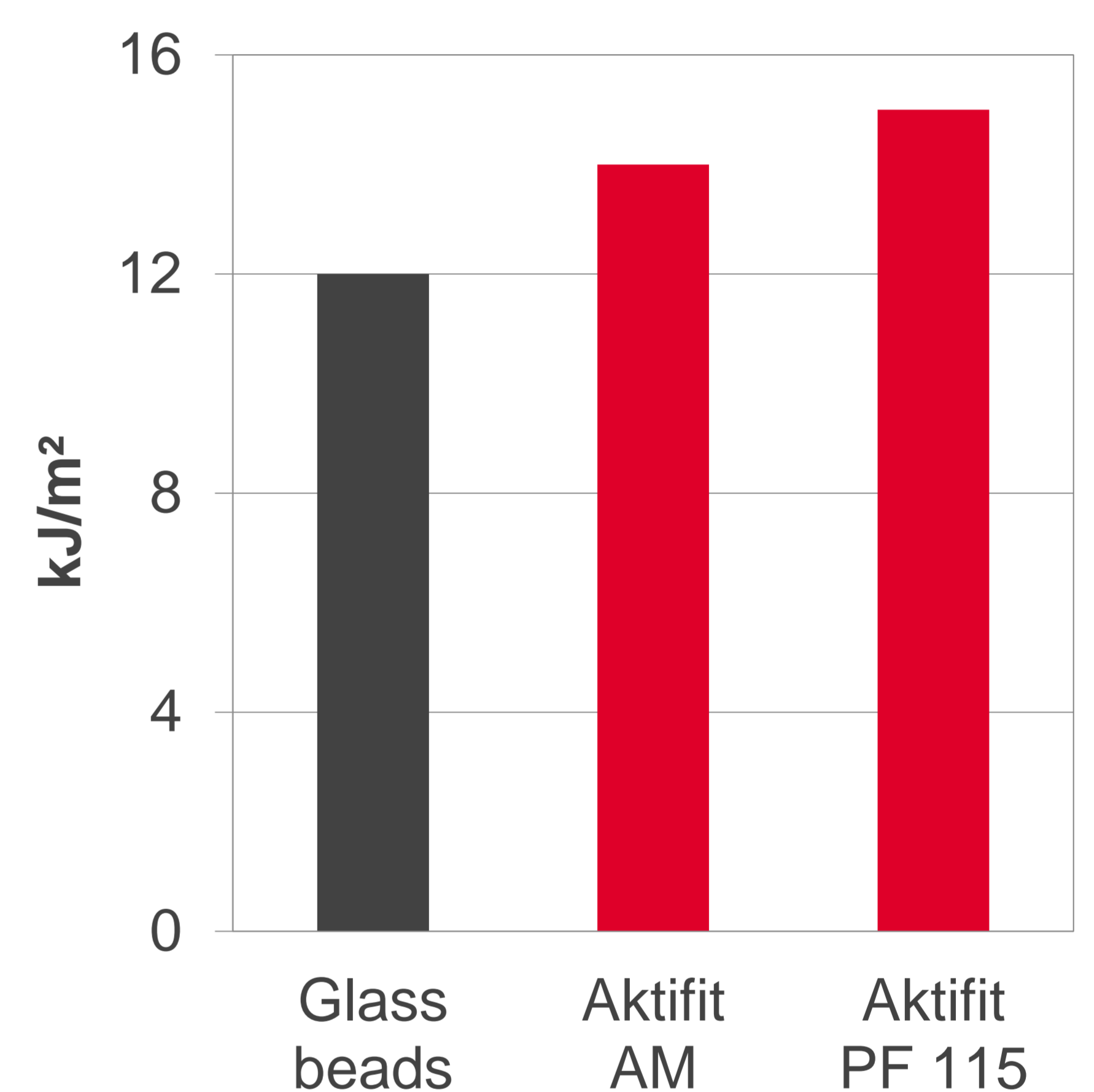
Melt Volume-flow Rate  
DIN ISO 1133; 300 °C, 5 kg



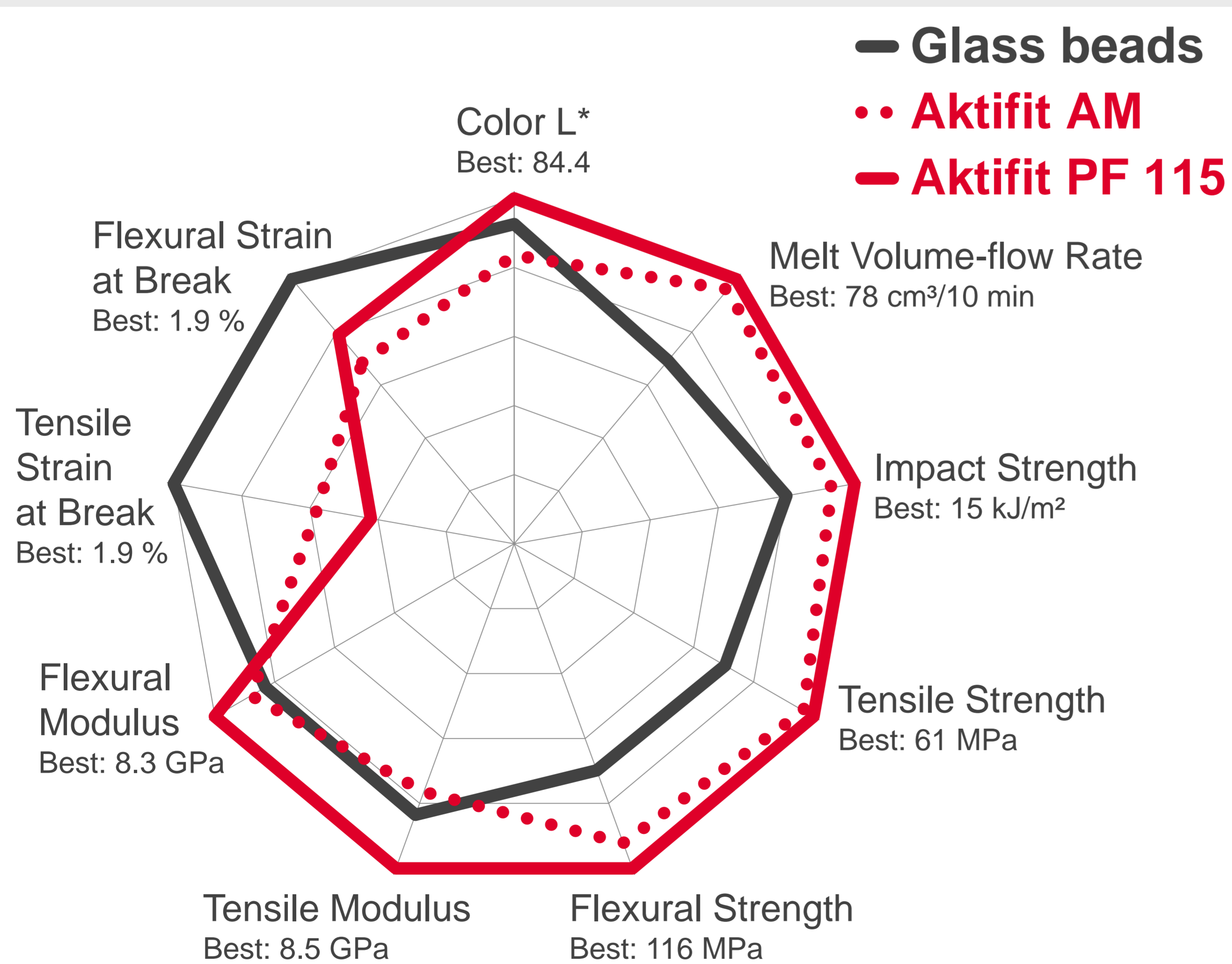
Flexural Strength  
DIN EN ISO 178



Charpy Impact Strength  
DIN EN ISO 179-1/1eU



## SUMMARY



### Benefits Neuburg Siliceous Earth vs. surface treated glass beads:

#### Aktifit AM

- Significant higher melt flow rate
- Markedly higher strength
- Higher impact strength
- Lower yellowish tint of the compound

#### In addition, Aktifit PF 115 offers

- Higher stiffness
- Higher flexural strength
- Brighter, almost white color of the compound