



# bFI A 3745

Universal processing aid — flow improver —

## Technical data sheet

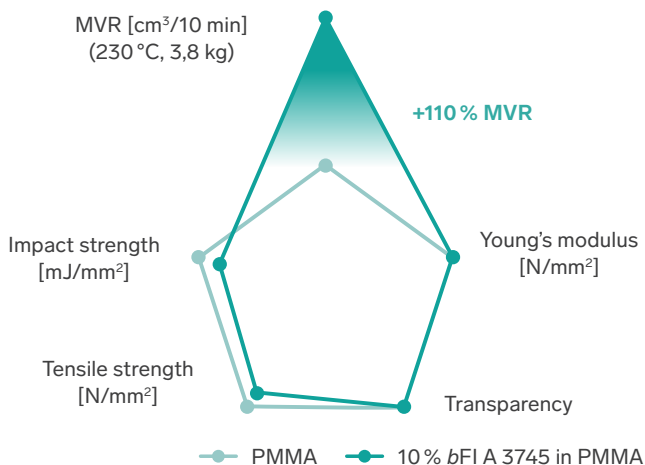
### Product description

The process aid *bFI A 3745* is a flow improver, which serves to reduce the melt viscosity of various polymers and polymer systems. It is characterized by a high compatibility and miscibility in the polymer.

### Specifications

<b>Material</b>	solid, transparent
<b>Appearance</b>	granules, colorless
<b>Recommended dosage</b>	1 – 10%
<b>Shelf life</b>	12 months, at room temperature
<b>Glass-transition temperature</b>	ca. 40 °C
<b>Density</b>	1.160 g/m <sup>3</sup>
<b>Bulk density</b>	661 kg/m <sup>3</sup>
<b>Odour</b>	neutral
<b>Water solubility</b>	insoluble
<b>Decomposition temperature</b>	pure > 280 °C blended > 300 °C

### Performance *bFI A 3745*, e.g. in \*PMMA



\* used PMMA: Plexiglas®7N

### Recommendation for application

#### 1. Plasticisation

To be dosed as granules. Avoid contact with hot, dried granules and warm surfaces in the dosing, feed and hopper area. Decreased melt viscosity can lower the required process temperatures.

#### 2. Drying, Moisture

Do not dry product and protect from moisture. Keep packaging closed.

### Packaging

- Packaging and transport analogous to the general guidelines and standards for plastics
- Storage: dry and not above room temperature
- Protect from direct sunlight
- Do not store outdoors

### Legal notice

The previous information reflects our current level of knowledge. Our own tests and research confirm the presented data, nevertheless we can not consider all the specific circumstances of handling and manufacturing at the customer's side. Therefore, the previous stated properties are not guaranteed. We are not responsible nor accountable for customer's usage out of the field of recommended applications. This includes IP violations.

If you have any application-related questions, please contact us.

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