Color your fibers with warranty!

FP pigments with certified filter pressure value (FPV)

Colorants for Plastics:
For your sustainable success.
BASF pigments have been firmly established in polypropylene spin-dyeing for a long time. Four of the pigments most frequently used for this sophisticated application are now available with a specified filter pressure value. We test every single batch and provide you with a certificate.

Our FP pigments offer considerable benefits for masterbatch and fiber producers:

- elimination of the receiving inspection for the filter pressure value
- maximum product safety
- superior quality consistency
- increased processing safety
- fewer fiber breaks
- decrease in the number of screen changes

Certified quality from BASF!

<table>
<thead>
<tr>
<th>Pigment</th>
<th>FPV [bar/g]</th>
</tr>
</thead>
<tbody>
<tr>
<td>Heliogen® Blue K 6911 FP</td>
<td>≤2.0</td>
</tr>
<tr>
<td>Heliogen® Blue K 7090 FP</td>
<td>≤1.0</td>
</tr>
<tr>
<td>Heliogen® Green K 8730 FP</td>
<td>≤1.0</td>
</tr>
<tr>
<td>Paliotol® Yellow K 1841 FP</td>
<td>≤1.0</td>
</tr>
</tbody>
</table>
The test method

Filter pressure value (FPV) is the established characteristic value used to assess whether a pigment is suitable for spin-dyeing of staple fibers. FPV is critically important for the quality of your products as well as for each sequence of your production process. The test method used by BASF is based on DIN EN 13900-5 for determining the filter pressure value. BASF was a leading participant in compiling this new standard.

BASF determines the filter pressure value bar/g based on the difference between the final pressure (P2) and the initial pressure (P1) and the amount of pigment delivered (G) according to the equation

\[
FPV = \frac{P2 - P1}{G}
\]

High quality through low filter pressure values

Pigments with filter pressure values of < 2 bar/g are considered to be very well, < 1 bar/g to be extraordinarily well suited for spin-dyeing. The FP pigments from BASF achieve excellent values. Take advantage of this technological improvement – with the FP pigments from BASF!

FP pigments ensure smooth production

There are huge differences between pigment preparations based on FP pigments and on standard pigments. In adverse cases, the use of standard pigments can result in clogged filters or broken fibers within only a short period of time, whereas the FP pigments from BASF will prove to have an extremely favorable effect on the service life of your filters.
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