



**SAFE COLORATION OF POLYAMIDES
COLORANTS PORTFOLIO
FOR POLYAMIDES**



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Heubach offers a wide range of colorants for the polyamides. Polyamides have outstanding toughness and wear resistance as well as excellent electrical properties and chemical resistance. Polyamide is widely used for molded parts, fiber production, and packaging film applications. Polyamides are processed at high temperatures and in combination with their slightly alkaline melt, create a chemically aggressive environment that degrades many organic compounds, including organic colorants. As a general rule, colorants based on »azo« chemistry should be avoided. Polyamide is also commonly used in the electrical and electronic applications, which require RoHS compliance and also increasingly apply restrictions on the presence of specific halogens in the raw materials of their products. The underneath table lists a number of Solvaperm®, Polysynthren® and Hostasol® dyes as well as PV Fast® pigments which have been positively tested in grades of PA 6 and PA 6.6 under laboratory conditions.

The symbols mean:

- Suitable
- Limited suitability
- Not suitable

PRODUCT NAME	COLOUR INDEX	INJECTION MOULDING PA 6	INJECTION MOULDING PA 6.6	PA 6 FIBRES	PA 6.6 FIBRES	PA 6 FILM
HOSTASOL YELLOW 3G	S.Y. 98	■	■	■	●	●
HOSTASOL RED GG	S.O. 63	●	●	■	■	●
POLYSYNTHREN YELLOW RL	P.Y. 192	■	■	■	■	●
SOLVAPERM ORANGE 3G	S.O. 60	■	–	■	–	●
SOLVAPERM RED G	S.R. 135	●	●	–	–	●
SOLVAPERM RED 2G	S.R. 179	■	■	■	–	●
SOLVAPERM RED PFS	S.R. 111	●	–	–	–	–
SOLVAPERM BLUE 2B	S.B. 104	●	●	■	–	●
PV FAST ORANGE 6RL	P.O. 68	■	■	●	●	■
PV FAST RED B	P.R. 149	●	–	■	–	■
PV FAST RED E3B	P.V. 19	●	–	–	–	●
PV FAST RED E5B	P.V. 19	●	–	–	–	●
PV FAST PINK E	P.R. 122	●	–	●	–	–
PV FAST PINK E 01	P.R. 122	●	–	●	–	–
PV FAST VIOLET ER	P.V. 19	■	–	–	–	●
PV FAST VIOLET BLP	P.V. 23	–	–	■	–	●
PV FAST BLUE A2R	P.B. 15:1	●	●	●	●	■
PV FAST BLUE BG	P.B. 15:3	■	■	■	●	■
PV FAST GREEN GNX	P.G. 7	●	●	●	●	■

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PLA 2012 EN | 11.2022

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