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Pigments

PV Fast Brown HFR

Edition Date May 14, 2019 Edition Number

Pigment Brown 25

Product Description

PV Fast Brown HFR is a red shade organic brown pigment with high fastness properties. It is distinguished by its excellent weather fastness.

Benefits

- Excellent outdoor stability

Product Data

Physical and Chemical Properties

| | | |
|-----------------------|----------------------|------|
| Density | [g/cm ³] | 1.41 |
| Bulk volume | [l/kg] | 10.3 |
| Average particle size | [nm] | 61 |
| Alkali resistance | | 5 |
| Acid resistance | | 5 |
| Specific surface | [m ² /g] | 90 |

Fastness Properties

| | | PE | PP | PVC | PS | ABS | PC |
|---------------------|--------------|------|------|------|----|-----|----|
| SD 1/3 | [g/kg] | 1.8 | 2.3 | 7.5 | - | - | - |
| Hue angle | [°] | 25.7 | 27.5 | 25.9 | - | - | - |
| Chroma | | 35.9 | 33.2 | 37.6 | - | - | - |
| Light fastness | (Full shade) | 8 | 8 | 8 | - | - | - |
| Light fastness | (Reduction) | 8 | 8 | 8 | - | - | - |
| Heat resistance | [°C] | 290 | 290 | - | - | - | - |
| Weathering fastness | | 5 | - | 5 | - | - | - |

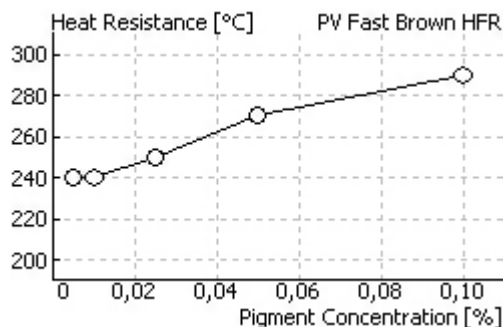
Additional Technical Properties

| | |
|-------------------------------|---------------------|
| Low warping applications | Limited suitability |
| Cable sheathing | Not suitable |
| Fastness to bleeding in P-PVC | 4-5 |

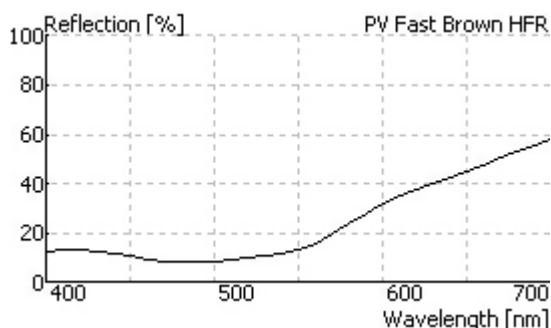
Applications

| | | |
|-------------|---------------------|--------------|
| Suitable | Limited suitability | Not suitable |
| PO | | PS/ ABS |
| PVC/ Rubber | | PC |
| POM | | PA |
| PUR | | PBT |
| PP Fiber | | PET Fiber |
| PAN Fiber | | PA Fiber |

Limiting concentration in HDPE



Reflection curve



Safety

Contact Us;

Please contact us for safety and regulatory details or the Material Safety Data Sheet (MSDS).

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