



Dongguan Baoxu Chemical Technology, Ltd.

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Pigment Red 176 is a highly transparent blue shade red and with good fastness properties, basically all around applications. Comparable with Clariant HF3C

P.R. 176 is halogen free, blue shade is more blue than pigment red 185, PR 176 is primarily applied in plastics and in laminated papers

C.I. Pigment Red 17 exhibits no plate-out onto the plastic sheet and good dielectric properties which meet wire cable requirements

Chemistry

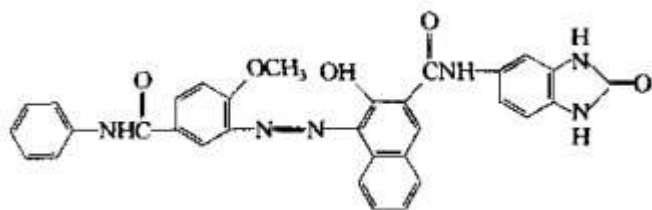
Synonym name: Fast Red HF3C, C.I. Pigment Red 176, P.R. 176, PR 176, C.I. 12515

CAS Number: 12225-06-8

EU Number: 235-425-2

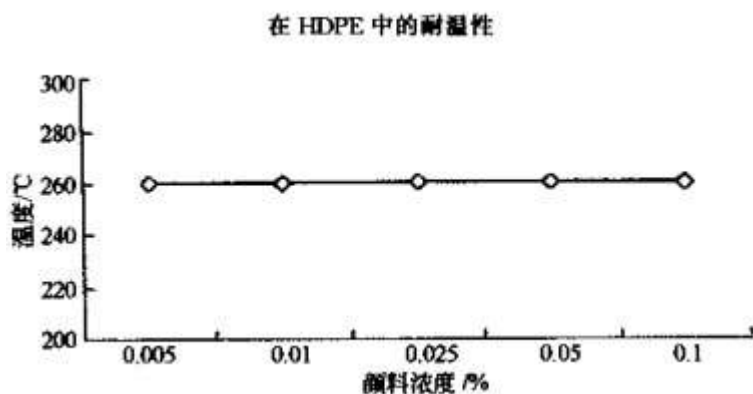
Chemical Family: Benzimidazole

Chemical Structure



Application Data

Heat Resistance In HDPE



The information and statement herein are believed to be reliable but are not to be construed as a warranty or representation for which we assume legal responsibility, Users should undertake sufficient verification and testing to determine the suitability for their own particular purpose of any information or products referred to herein. No warranty of fitness for a particular purpose is made.



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|-------------|-------------------------------------|------|
| HDPE | Heat resistance | 250 |
| | Fastness to migration | nt |
| | Light Fastness FS/WR | 7/7 |
| | Weather Fastness FS/WR | nt |
| | Warpage in HDPE | Low |
| PVC | Fastness to migration | nt |
| | Light Fastness FS/WR | 7/7 |
| | Weather Fastness FS/WR | 5/nt |
| Application | Polyolefins (PP/HDPE/LDPE/LLDPE) | ● |
| | PVC | ● |
| | PUR | ○ |
| | Engineerings | ○ |
| | Styrenics | ● |
| | Elastomer&Rubeer | ● |
| | Fiber (PE/PP/PA) | - |

- Suitable, ○ Limited suitability, – Not suitable, nt-Not tested *Specific information available on request

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