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## Pigment Brown 41, Clariant Brown RL

### Briefing

**Pigment Brown 41** has very yellowish shades of brown.

When used in PVC, P.Br.41 provides medium tinctorial strength and good hiding power.

The pigment is not completely fast to bleeding in plasticized PVC.

In polyolefins, P.Br.41 also exhibits medium tinctorial strength. 0.21% pigment is required to formulate 1/3 SD HDPE samples containing 1% TiO<sub>2</sub>.

Incorporated in paints, P.Br.41 exhibits equally high hiding power, which makes it a less attractive product for use in metallic finishes. Its tinctorial strength in these media is comparatively poor. However, P.Br.41 is completely fast to overcoating. The commercial grade shows considerable flocculation in various paint system.

### Chemistry

Synonym name: Fast Brown RL, C.I.Pigment Brown 41, P.Br.41, PBr 41

CAS Number: 211505-16-8

Chemical Family: Disazo Condensation

Chemical Structure

### Application Data

Heat Resistance In HDPE

	Heat resistance	300°C
HDPE	Fastness to migration	4
	Light Fastness FS/WR	8/8
	Weather Fastness FS/WR	5/nt
	Warpage in HDPE	low
PVC	Fastness to migration	5/nt
	Light Fastness FS/WR	8/8
	Weather Fastness FS/WR	5/nt
Application	Polyolefins	●

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(PP/HDPE/LDPE/LLDPE)

PVC	●
PUR	○
Engineerings	○
Styrenics	○
Elastomer&Rubber	●
Fiber (PE/PP/PA)	○

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

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