



**TECHNICAL DATA**

Product name	: <b>Alpafast Violet RL PL 3645</b>
Color Index Name	: Pigment Violet 23
Color Index Number	: 5 1 3 1 9
Type	: Dioxazine Pigment
Available Forms	: Finished Powder and Presscake
Chemical Formula	: C <sub>34</sub> H <sub>22</sub> Cl <sub>2</sub> N <sub>4</sub> O <sub>2</sub>
Chemical Description	: 3 Amino-9-Ethyl Carbazole condensed with Chloranil in Ortho Di-Chloro Benzene
CAS Registry No.	: 6 3 5 8 - 3 0 - 1
EINECS No.	: 2 2 8 - 7 6 7 - 9

**PHYSICAL DATA**

Texture	: Soft	Bulk Density	: 0.30 ± 0.1 kg/lit.
Oil Absorption	: 50.0 ± 3.0%	Particle Size	: 240 mesh or finer
pH of 10% aqueous suspension	: 6.5 to 8.5	Moisture	: Max. 1.0% (Dry powder)
Residue on Sieve (350 Mesh)	: Max. 500 ppm	Content	: 55% - 60% (Presscake)
		Volatile Matter	: Max. 0.5%

**PROPERTIES**

Solubility	: Insoluble in water.
Bleeding Fastness	: No bleeding in acids, alkalis, hydrocarbons, solvents etc.
Chemical Fastness	: Not affected by oils, fats, greases, paraffin waxes, soaps, acid, alkalis and hydrocarbons.
Heat Stability	: Thermally stable up to 160°C. With Polyolefin can withstand exposure to 280°C. In lighter tints can tolerate up to 200°C.
Durability	: Light and Weather : Excellent Full Tone - 8 Interior in tinge : Excellent Tint - 7 Exterior in tinge : Excellent
Dispersibility	: Excellent in Plastics and Rubber. Excellent in Water, Solvent and other media used in Inks, Paints, etc.

**APPLICATION TOLERANCES**

**Plastics**

Color Strength	: +/- 2%
Δ E	: 1.0 Max
Heat Stability	: 280°C up to 5 minutes