

## Typical Product Specifications & Properties

### Acid orange 10

CAS Number: : 1936-15-8

Specifications	Limits
Molecular weight	452.37
EINECS	217-705-6
Melting Point	141 &deg;C
Colour Index	16230
Stability	Stable. Incompatible with strong oxidizing agents.
Density	0.80 g/mL at 20 &deg;C
Flash Point	14 &deg;C
Water solubility	5 g/100 mL (20 °C)
Storage Temperature	2-8&deg;C
Molecular weight	878.46
EINECS	243-010-2
SMILES	<chem>c1c(cc2c(c1)/C(=N\[O-])/C(=O)C=C2)S(=O)(=O)[O-].c1c(cc2c(c1)/C(=N\[O-])/C(=O)C=C2)S(=O)(=O)[O-].c1c(cc2c(c1)/C(=N\[O-])/C(=O)C=C2)S(=O)(=O)[O-].[Na+].[Na+].[Na+].[Na+].[Fe+3]</chem>

Specifications	Limits
InChI	ZHHKVLQBIBQGKO-ZYOXSMCHSA-H
InChIKey	1S/3C10H7NO5S.Fe.3Na/c3*12-9-4-1-6-5-7(17(14,15)16)2-3-8(6)10(9)11-13;;;/h3*1-5,13H,(H,14,15,16);;;/q;;;+3;3*+1/p-6/b3*11-10+;;;