

FlexaTrac[™]-DMS

PIGMENTS

FlexaTrac-DMS

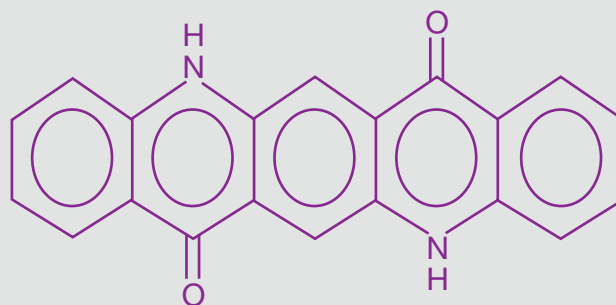
	FlexaTrac-DMS-400
Chemical Properties	
Dimethyl Succinate, wt. %	98.5 min.
Acid Content, mg KOH/g, max.	0.1
Water Content, wt. %, max.	0.1
Methanol Content, wt. %, max.	0.1
Color, APHA, max.	15
Physical Properties	
Molecular Weight	146
Distillation Range, °C	192-201
Density, #/gal, @ 25°C	9.28
Specific Gravity @ 25°C	1.112
Viscosity, cps, @ 25°C	3.91
Solubility in Water, wt. %	10.3
Water Solubility in DMEs, wt. %	4.0
Freezing Point, °C	16.8
Flash Point, °F (Pensky-Martin cc)	201
Flash Point, °C (Pensky-Martin cc)	94
Surface Tension, dynes/cm	34.6
Electrical Resistance, megohms	1.3
Vapor Pressure, @ 20°C (Torr)	0.12

FlexaTrac-DMS-400 is used as an intermediate to produce quinacridone pigment. Quinacridone pigments offer excellent bleed, heat resistance and outstanding light fastness. These high-performance pigments are suitable for formulating all types of coatings, fibers, inks and plastics.

FlexaTrac-DMS-400 is condensed to produce cyclic ester dimethyl succinylsuccinate (DMSS). DMSS is reacted with an aniline and dihydro-quinacridone is then produced by cyclization. Dihydro-quinacridone is further oxidized to produce quinacridone.

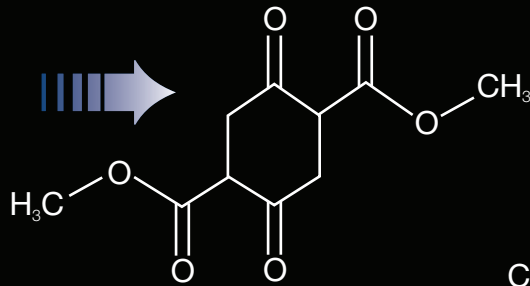
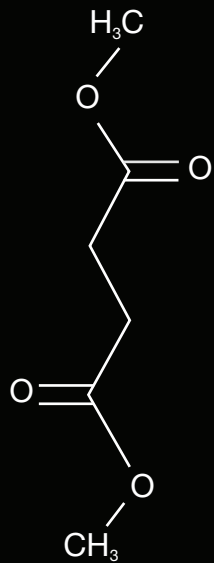
Quinacridone Pigments

Violet to deep red in color

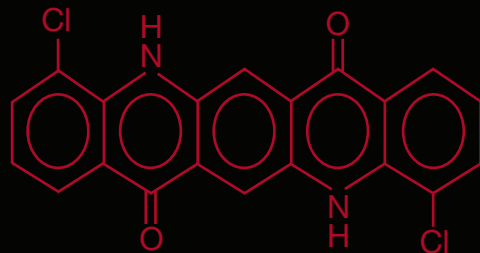
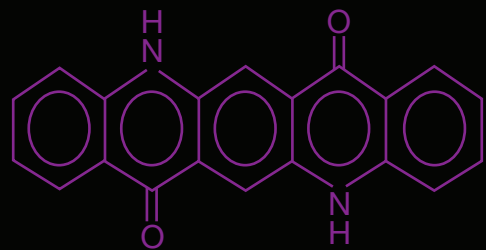
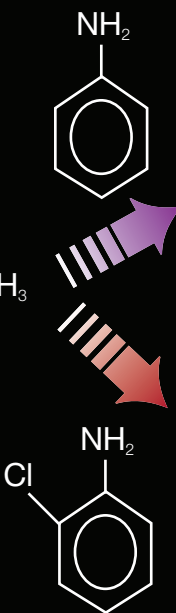


Pigment Violet 19

*NOTE: Product specifications are subject to change without notice. Please write or call us for our current product specifications.



Dimethyl Succinylsuccinate (DMSS)

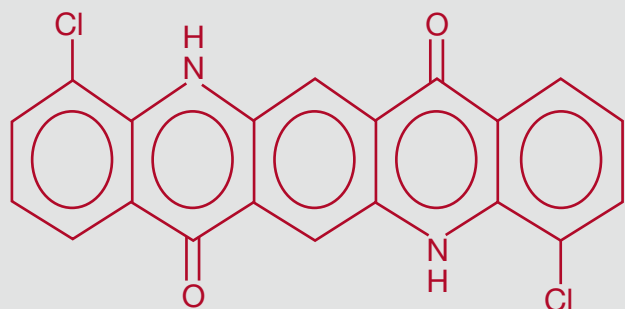


FlexaTrac-DMS-400

Quinacridone Pigment

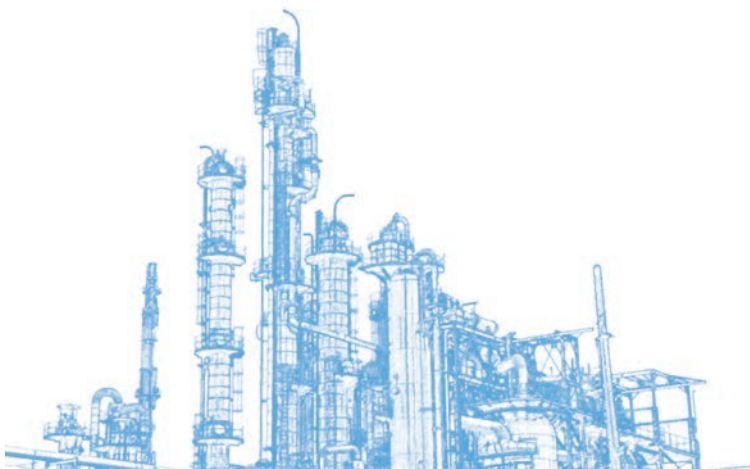
Key Applications

- Intermediate for quinacridone pigments
- Pigment carrier solvent



Pigment Red 207





About Ascend

Headquartered in Houston, Texas, Ascend Performance Materials is one of the world's largest fully-integrated producers of nylon 6,6 resin. As the world's only large-scale converter of acrylonitrile to adiponitrile, Ascend is uniquely positioned for the production of dozens of amines, acids, esters and intermediates used in a variety of end applications. Our integrated manufacturing processes allow us to produce a wide range of specialty chemicals. Ascend's specialty chemicals are used in hundreds of brand-name adhesives, coatings, cleansers and detergents. Ascend manufactures chemicals at its facilities in Texas, Alabama and Florida.

For more information on our specialty chemicals visit us at www.ascendmaterials.com/specialtychemicals

inspiring everyday™