



Chemical Corporation

UNIPLEX 413 SUBSTITUTED BENZENE SULFONAMIDE (EPA ACCESSION NO. 51253)

UNIPLEX 413 is a high molecular weight sulfonamide that is used as a plasticizer and nucleating agent in PET resins.

Used at levels of 4 - 10 percent on the weight of the PET resin, Uniplex 413 greatly reduces molding (processing) times.

UNIPLEX 413 offers the advantages of:

- 1) lowering processing cost
- 2) enhances impact resistance
- 3) low vaporization
- 4) improves mold releases
- 5) easily added to the PET resin in single or double screw extruders.

SPECIFICATIONS:

Appearance	Yellowish soft particles (Clear liquid when molten)
Color, APHA	400 maximum (1:1 in Xylene)
Acidity, meq/100g	0.25 maximum
Amine Content, %	0.6 maximum
Moisture, %	0.1 maximum
Chloride Content, %	0.02 maximum
Low Boilers, %	1.5 maximum
Para Isomer, %	99 minimum

TYPICAL PROPERTIES:

Melting Point, °C	78 - 82
Specific Gravity, 25°C	0.920 - 0.925

HANDLING INFORMATION:

Refer to Material Safety Data Sheet

These suggestions and data are based on information we believe to be reliable. They are offered in good faith, but without guarantee, as conditions and methods of use of our products are beyond our control. We recommend that the prospective user determine the suitability of our materials and suggestions before adopting them on a commercial scale. Suggestions for uses of our products should not be understood as recommendations that they be used in violation of any patents.