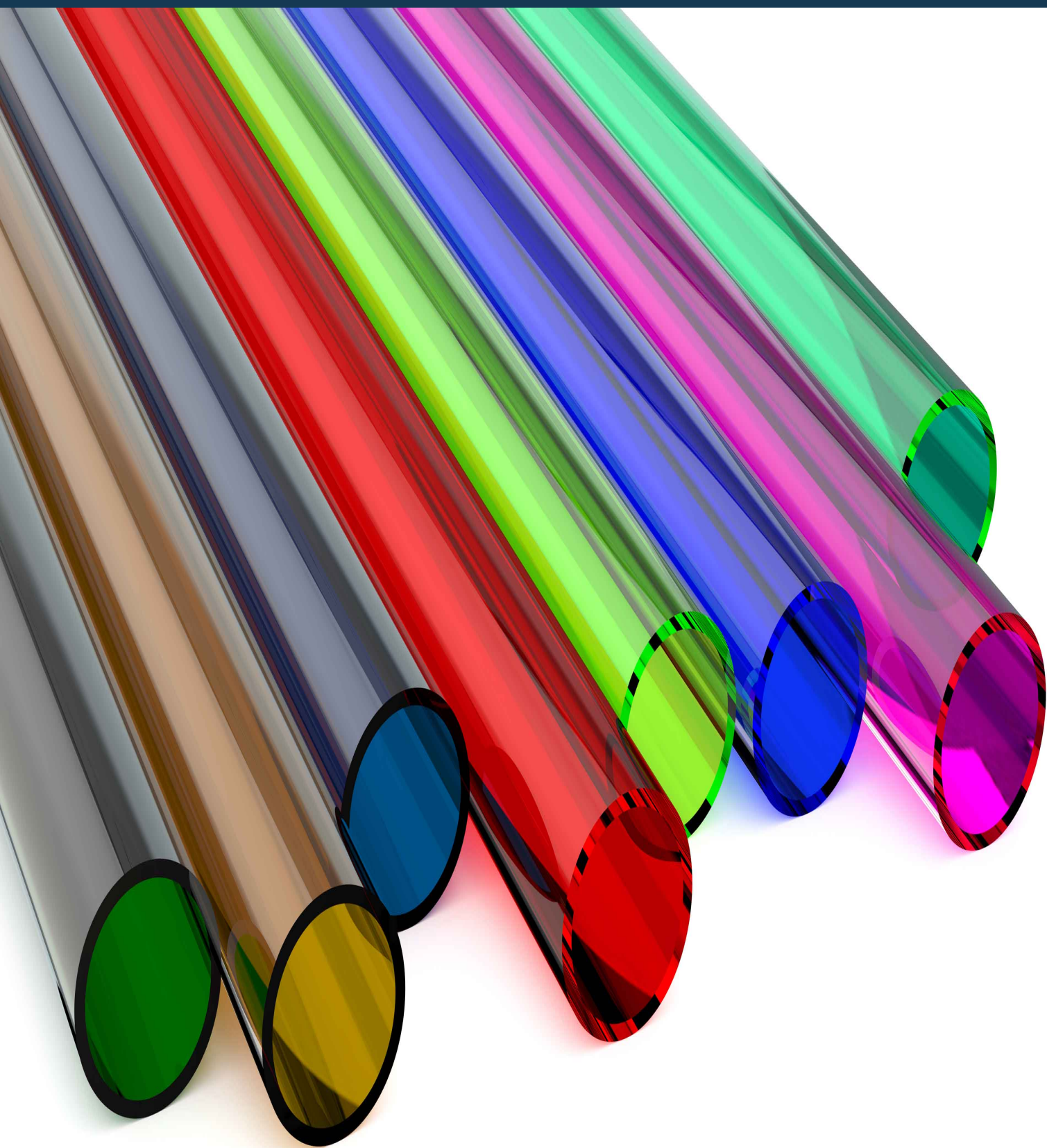


PLASTICIZER-NPG DB



Introduction

Neopentyl glycol dibenzoate is a low melting (49 Deg C) , waxy, solid plasticizer. This solid dibenzoate has low volatility, a good ultraviolet light stability and is compatible with several polymers. The product is used as a thermoplastic processing aid.

Applications

- 1 Used in polycarbonate or talc-filled polypropylene to improve injection moulding by cycle-time reduction.
- 2 Used in rigid vinyl compounds as an extrusion aid.
- 3 Used in thermoplastic polyesters (e.g. PBT, PCT, PET) to aid crystal growth during nucleation.
- 4 In acrylic based coating for excellent UV light stability is required.

Benefits

- 1 Excellent ultraviolet light stability
- 2 Plasticizers for polymers.
- 3 Low melting waxy solid plasticizer.



Specifications

Test	Specification	Test Method
Appearance	Form: Powder Colour: White to off white	Visual
Purity	Min 98 %	By AAS
Moisture Content	Max 1.0 %	Oven drying at 105 Deg C
Melting Range	45-52 Deg C	Melting point apparatus
Acid Value	Max 0.2 %	Acidimetric Titration

Product FDA Status

Neopentyl Glycol Dibenzoate (2,2-Dimethyl-1,3-propanediol dibenzoate) is approved for use in food contact polymer as per the following chapter headings.

Title		21-Food And Drugs
Chapter		I -Food And Drug Administration, Department Of Health And Human Services
Sub Chapter		B - Food For Human Consumption (Continued)
Part		175 - Indirect Food Additives: Adhesives And Components Of Coatings
Sub Part		B - Substances For Use Only As Components Of Adhesives
Section		175.105 Adhesives.



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