

Technical Data Sheet

TDS

General Description

Product Name	Transparent Iron Oxide Yellow 102W
Type	Yellow pigment
Delivery Form	Powder
Color Index	Pigment yellow 42 (77492)
CAS	51274-00-1
EINECS NO.	257-098-5

Physical and Chemical properties

Test Items	Specification
Appearance	Yellow powder
Transparency	Similar
PH Value	7.0
Shade	Close to std.
Oil Absorption, %	42
Residue on 325 mesh, %	0.1 max.
Water Soluble, %	0.5 max.
Volatite at 105°C, %	3.5 max.
Tinting Strength, %	95 min.
DE (compared with std.)	1 max.
Light Fastness	8
Weather Resistance	5
Acid Resistance	5
Alkali Resistance	5

Application

Wood coatings, automobile coatings, plastic coatings, metal coatings, architectural coatings, artist colors, high temperature glass ink.

Package

25kg bag with pallets.

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