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Technical data sheet

Product Name: Transparent Red YJO-1

Product name: Solvent red 25
CAS No.: 3176-79-2

Molecular formula: $C_{24}H_{20}N_4O$

Product specification

Appearance	Red powder
Tinting Strength	100±3%
Shade Color	Similar to the standard
Ash	≤ 1.0%
Moisture	≤ 1.0%
CIELab ΔE	≤ 1.0

Commentary

A brilliant red with weak blue shade.

Test Items	PS	ABS	SAN	PMMA	PC	R-PVC	PA6	PET
Heat resistance temperature, °C (0.05% dyes, transparent)	260	-	-	-	-	-	--	-
Heat resistance temperature, °C (0.05% dyes + 1.0% Titanium dioxide)	240	-	-	-	-	-	-	-
Migration resistance	-	-	-	-	-	-	-	-
Light fastness (0.05% dyes, transparent)	5-6	-	-	-	-	-	-	-
Weather resistance	-	-	-	-	-	-	-	-
Acid resistance (in 5% hydrochloric acid solution)	-	-	-	-	-	5	-	-
Alkali resistance (in 5% caustic soda solution)	-	-	-	-	-	5	-	-

Application Profile

PS	●	HIPS	○	ABS	○
PC	○	PVC-R	●	PMMA	○
SAN	○	AS	○	PA	-
PET	-	Gasoline dyeing	●		

● = recommended ○ = potential use - = not recommended

Disclaimer

TDS code: TDS-

All above data are obtained by our best knowledge and regarded as references for you. We strongly recommended a trial test before your mass application.

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