VYNAMON™ Red 325401 (PR 254)

SUDARSHAN

Full Shade	Reduction 1:10 TiO_2

Product Description	
Chemical characterization	Diketopyrrolopyrrole
Color Index	Pigment Red 254
Appearance	Red powder
C.I. No.	56110
CAS No.	84632-65-5

Product Description			
	Unit	Value	Test Method
Hue angle [1/3 SD]		17.8	acc. to DIN EN ISO/CIE 11664-4

Technical Data			
	Unit	Value	Test Method
Density	[g/cm³]	typ. 1.6	acc. to ISO 787-10
Bulk volume	[l/kg]	typ. 2.7	acc. to ISO 697
Specific surface	[m²/g]	typ. 27.0	acc. to DIN ISO 66132

Fastness Properties		
Resistance to Chemicals		
	Value	Test Method
Acid	5	rating acc. to DIN EN ISO 105-A03
Alkali	5	rating acc. to DIN EN ISO 105-A03

Acid/alkali resistance: Pigment was dipped into hydrochloric acid (10%) or soda solution (10%). Rating with gray scale: 1=poor, 5=excellent.

	Value	Test Method
Migration	5	acc. to DIN EN 14469-4/DIN EN ISO 105-A03
Warping	high	
Heat resistance [1/3 SD][°C]	320	acc. to DIN EN 12877-2
Light fastness [1:10]	8	acc. to DIN EN ISO 4892-2/DIN EN ISO 105-B02

Migration: Tested in platicized PVC system. Rating with gray scale: 1=poor, 5=excellent.
Warping: The pigment influence on the warping and shrinkage was tested for injection molded HDPE-parts.
Heat resistance: Tested in HDPE system.
Light fastness: Tested in LDPE system. Rating with 8-step wool scale: 1=poor, 8=excellent.

Tds-vy_r325401-01_02

Disclaimer - The information given in this data sheet is based on the present state of our knowledge & is intended as a general description of our products & their possible applications. Neither do these data imply any guarantee of certain properties, nor the suitability of the product for a specific purpose. Because of the multitude of formulations, production & application conditions, all the above mentioned data have to be adjusted to the circumstances of the processor. As customer use lies beyond our knowledge and control, we cannot accept any liability relating to the use of our products in any particular application. In addition to that, the legal rights of third parties must always be considered. No liabilities, including those for patent rights, can be derived from this fact for individual cases. It cannot be ruled out that this product contains particles < 0.1 µm. Any user of this product is responsible for determining the suitability of Sudarshan's products for its particular application & to ensure that any proprietary rights & existing laws & legislation are observed.

Application Profile	
PVC	+++
Polyolefins	+++
PS	+++
ABS	+++
PA	
PC	
Powder coatings	+++

+++ Excellent choice ++ Good choice + Possible choice

Packaging and Handling	
Packaging	20 kg cardboard boxes
Packaging	Different types of packaging are available on request.

Tds-vy_r325401-01_02

Disclaimer - The information given in this data sheet is based on the present state of our knowledge & is intended as a general description of our products & their possible applications. Neither do these data imply any guarantee of certain properties, nor the suitability of the product for a specific purpose. Because of the multitude of formulations, production & application conditions, all the above mentioned data have to be adjusted to the circumstances of the processor. As customer use lies beyond our knowledge and control, we cannot accept any liability relating to the use of our products in any particular application. In addition to that, the legal rights of third parties must always be considered. No liabilities, including those for patent rights, can be derived from this fact for individual cases. It cannot be ruled out that this product contains particles < 0.1 µm. Any user of this product is responsible for determining the suitability of Sudarshan's products for its particular application & to ensure that any proprietary rights & existing laws & legislation are observed.