TITANIUM DIOXIDE R-2654

R-2654 is an aluminum inorganic and organic surface treated rutile titanium dioxide pigment with high dispersibility and high whiteness blue undertone, low oil absorption designed to give average particle size distribution. It is designed to give outstanding melt flow with highly loaded thermoplastic masterbatches. R-2654 is supplied as a fine, dry white powder.

Typical Properties:

Processing Method	Sulfate
Crystal Form	Rutile
Inorganic Surface Treatment	Al_2O_3
Inorganic & Organic Surface Treatment	Yes
ISO 591-1 and DIN 55912 Classification	R-1
Color (ISO 787-25)	$\Delta E \leq 0.5$
Relative Scattering Power (ISO 787-24)	95% - 105%
Density (ISO 787-10)	4.2g /cm³

Key Features:

- R-2654 is hydrophobic and low in volatiles for enhanced lacing resistance in plastics processing.
- R-2654 has excellent whiteness and blue undertone.
- R-2654 has high dispersibility and melt flow.
- R-2654 is suitable for high quality masterbatch and color-sheets.

Typical Data:

TiO2 Content (ISO 591-1)	97%
CIE L*, dry powder (GB/T 5950-2008)	98.0
Oil Absorption (ISO 787-5)	19g / 100g
Residue on 45 μm (ISO 787-18)	0.01%
Volatiles at 105 (ISO 787-2) at packaging	0.4 %
Oil dispersion (Hegman)	4.5 %
Brightness	$\geq 97.5\%$

Subject to measurements in CoA

Application:

● Masterbatch   ● Inks (Solvent-based)   ● Engineering plastics

Packing: 25 kg paper bags.

Health and Safety Precautions: Relevant local health and safety precautions should be followed. Gloves, safety goggles and respirator with submicron particle filtration should be worn. MSDS is available upon request.

Storage: Store the product indoors in clean and dry conditions. The shelf live is two years if stored properly. First-in, first-out regime is highly recommended to ensure the performance of the product.

Disclaimer: The above information is offered free solely to provide possible suggestions. Given variations in actual end-use conditions, no warranties are given and no liabilities are assumed in connection with any use of this information.

WHITE BV

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