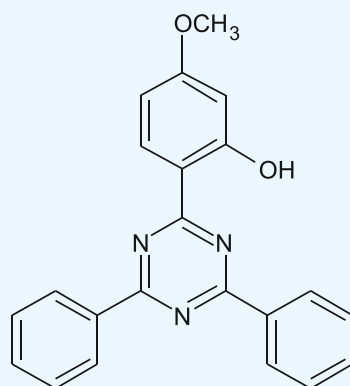


# Sarex Overseas (A division of Saraf Chemicals Pvt. Ltd.)

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Phone: +91(22) 6128 5566 / 4218 4218, Fax: +91(22) 4218 4350.  
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## APPOLO-1579 (A-103)

### 1. STRUCTURE



### 2. PRODUCT NAME & DETAILS

#### 2-(2-Hydroxy-4-methoxyphenyl)-4,6-Bis(phenyl)-1,3,5-triazine (Appolo-1579 (A-103))

Product Code	: 005631
CAS No.	: 106556-36-9
HS Code	: 2933.69.90
Molecular formula	: C <sub>22</sub> H <sub>17</sub> N <sub>3</sub> O <sub>2</sub>
Molecular weight	: 355

### 3. REGULATORY INFORMATION

Chemical name	Common names and synonyms	CAS number	EC number
2-(2-Hydroxy-4-methoxyphenyl)-4,6-diphenyl-1,3,5-triazine	2-(2-Hydroxy-4-methoxyphenyl)-4,6-diphenyl-1,3,5-triazine	106556-36-9	--
European Inventory of Existing Commercial Chemical Substances (EINECS)			Not Listed
EC Inventory			Not Listed
United States Toxic Substances Control Act (TSCA) Inventory			Listed
China Catalog of Hazardous chemicals 2015			Not Listed
Chinese Chemical Inventory of Existing Chemical Substances (China IECSC)			Listed
Korea Existing Chemicals List (KECL)			Listed
Canadian Domestic Substance List (DSL)			Not Listed
Canadian Non-Domestic Substance List (NDSL)			Listed
Japanese Existing and New Chemical Substances Inventory (ENCS)			Not Listed

### 4. SPECIFICATION

Physical Appearance	: <b>Yellow Colour Powder</b>
Melting Point	: <b>205 to 207°C</b>
Solubility (2% In NMP)	: <b>Clear Solution</b>
Identify By FTIR	: <b>Complies</b>

#### Disclaimer

Typical properties should not be considered as specification.  
Product covered by valid patents are not offered or supplied for commercial use. The Patent position should be verified by the customer.  
Products will not be supplied to countries where they could be in conflict with existing patents.  
Products currently covered by valid US patents are offered for R&D use in accordance with 35 USC 271 (e) (I)  
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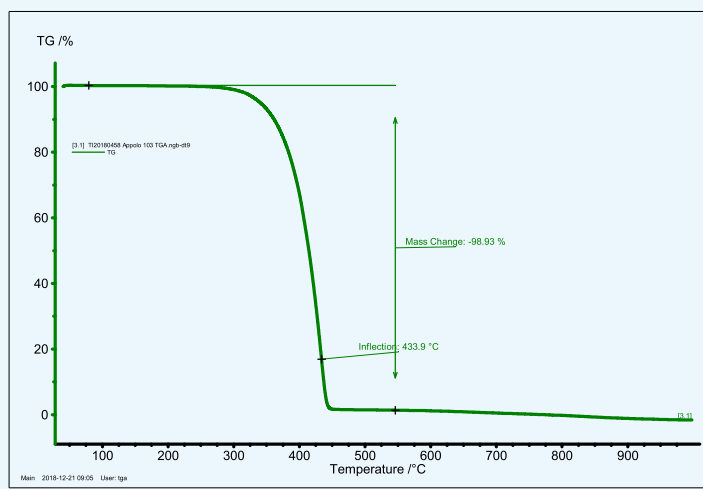
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## APPOLO-1579 (A-103)

### 4. SPECIFICATION

Transmittance (at 500 NM)	: NLT 65.0%
New Method (2% In NMP)	
Loss On Drying	: NMT 0.50%
Purity By HPLC	: NLT 98.0%

### 5. TGA CURVE

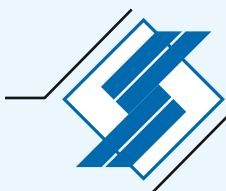


### 6. APPLICATION

- UV-1579 is HPT UV absorbers which is used in polycarbonates, injection molding, thermoplastics, fibres, textiles and carpets for enhanced durability, color fastness and performance.
- It is used in non woven fabrics which are used in Face masks as PPE.
- It is used in PET fiber (Terylene).
- It can both protect PET fiber itself and dyestuff.
- It is recommended to be used in dip-dyeing of PET fiber, especially in processing of heat treating.

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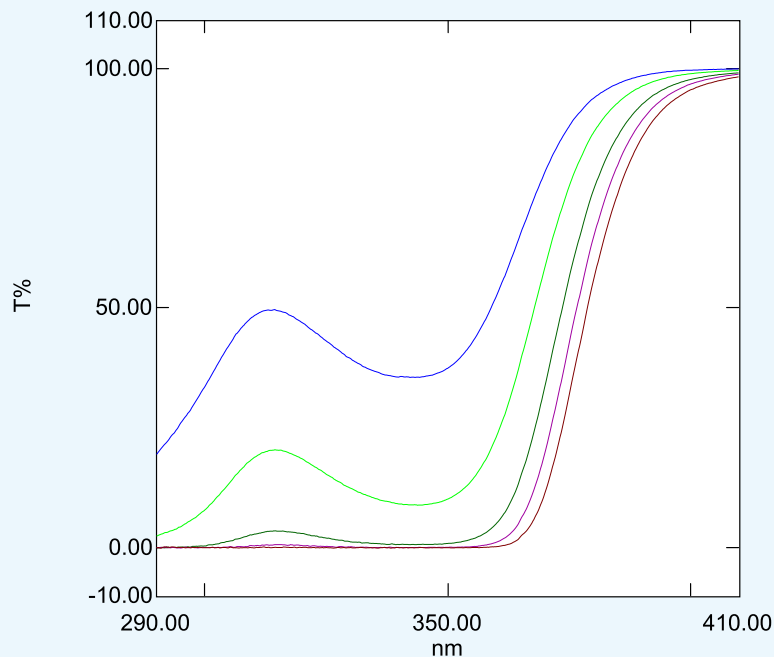


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## APPOLO-1579 (A-103)

### 7. SPECTRAL TRANSMISSION



APPOOLO-103\_STANDARD\_0.001%\_10-02-2022 - RawData  
APPOOLO-103\_STANDARD\_0.002%\_10-02-2022 - RawData  
APPOOLO-103\_STANDARD\_0.004%\_10-02-2022 - RawData  
APPOOLO-103\_STANDARD\_0.006%\_10-02-2022 - RawData  
APPOOLO-103\_STANDARD\_0.008%\_10-02-2022 - RawData

8. HAZARD CLASSIFICATION : Non Hazardous material.



Irritant

9. ANNUAL CAPACITY : 80 MT.

10. STORAGE CONDITION : Stored in closed container at ambient temperature. Avoid direct sunlight.

11. PACKING DETAILS : Big Jumbo Bag : Bag Capacity 500 kg and Net Wt. 250-300 kg  
1 Bag of 250-300 kg on One Pallet

12. SHELF LIFE : 3 years.

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