

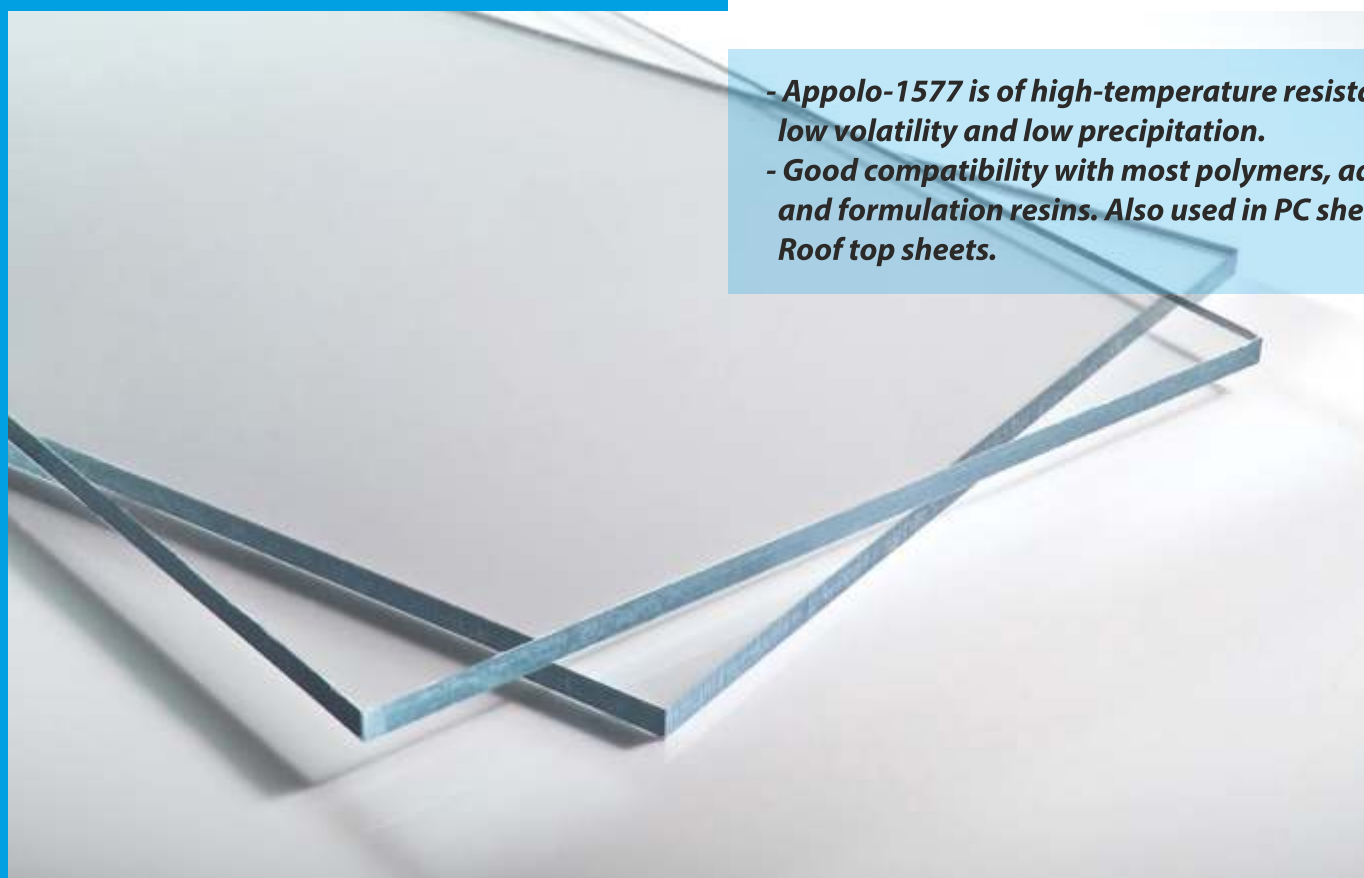


Sarex Overseas

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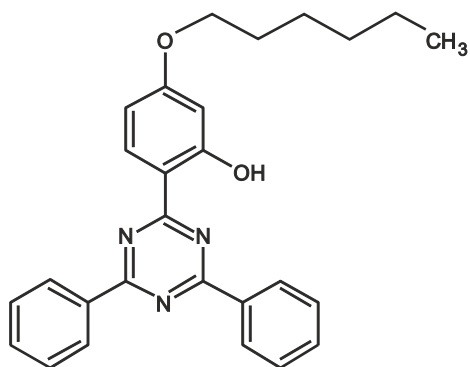
APPOLO-1577

- *Appolo-1577 is of high-temperature resistance, low volatility and low precipitation.*
- *Good compatibility with most polymers, additives and formulation resins. Also used in PC sheets, Roof top sheets.*



APPOLO-1577

• STRUCTURE



• PRODUCT NAME & DETAILS

2-(2-Hydroxy-4-hexyloxyphenyl)-4,6-Bis(phenyl)-1,3,5-triazine (Appolo-1577)

Product Code	: 005630
CAS No.	: 147315-50-2
HS Code	: 2933.69.90
Molecular formula	: $C_{27}H_{27}N_3O_2$
Molecular weight	: 425

• SPECIFICATION

Physical Appearance	: Yellowish powder
Melting Point	: 148-150 °C
Purity (HPLC)	: Min 99%
Transmittance @ 450nm	: Min 89%
Transmittance @ 500nm	: Min 98%
ASH Content	: Max 0.05%

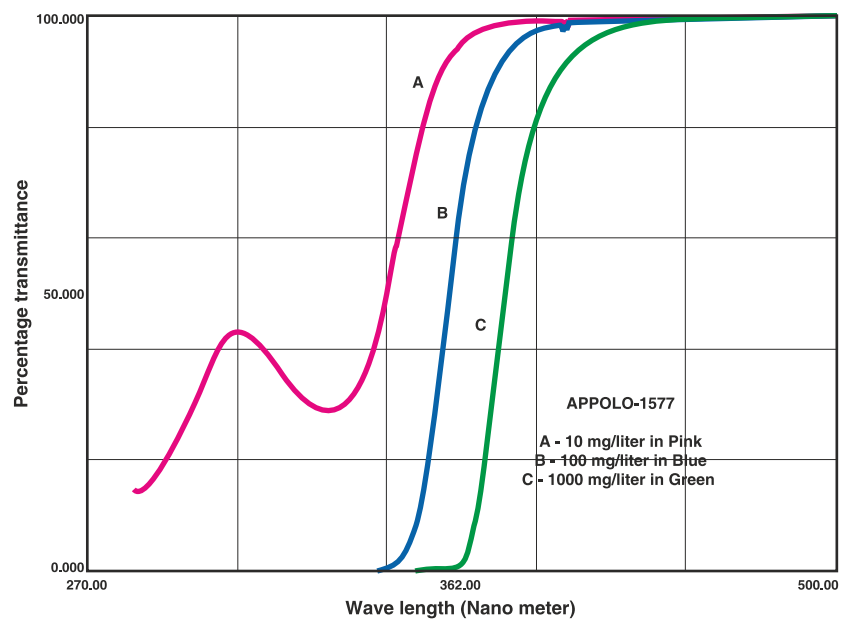
• PHOTOGRAPH OF THE PRODUCT



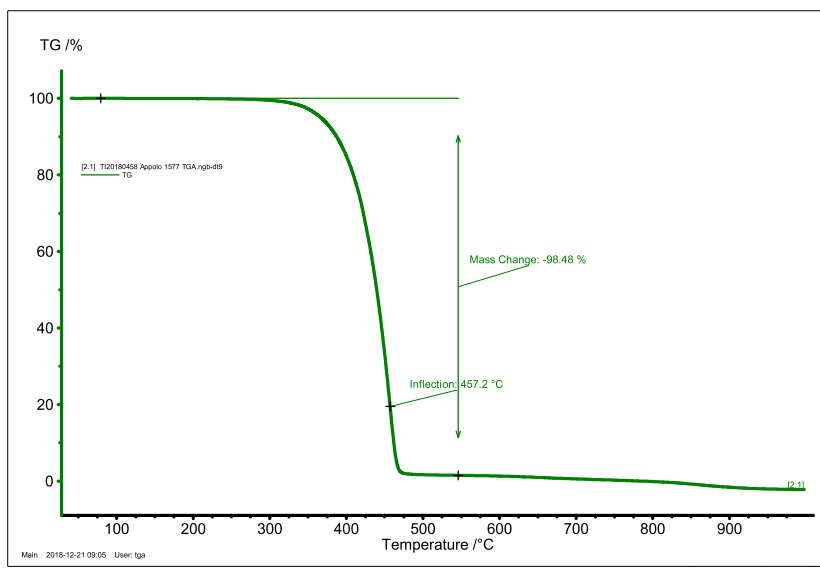
• APPLICATION

- Appolo-1577 is of high-temperature resistance, low volatility and low precipitation.
- Good compatibility with most polymers, additives and formulation resins.
- Appolo-1577 applications include polyalkene terephthalates and naphthalates, linear and branched polycarbonates, modified polyphenylene ether compounds and various high-performance plastics.
- The use of Appolo-1577 is indicated in polymer blends and alloys, such as PC/ABS, PC/PBT, PPE/IPS, PPE/PA and copolymers as well as in reinforced, filled and/or flame retarded compounds, which can be transparent, translucent and/or pigmented. Its very low tendency to chelate allows Appolo-1577 formulations in polymers containing catalyst residues.
- Recommend dosage of Appolo-1577: PS 0.2-0.5%, PC 0.15-0.3%, polyolefin 0.2-0.5%, Polyester 0.3-0.5%.

• APPOLO-1577 : SPECTRAL TRANSMISSION



• APPOLO-1577 : TGA CURVE



Minimum volatility temperature:
5% at 380°C ; 10% at 395°C.

• FOOD APPROVAL STATUS (for plastic coming in contact with food)

- CAS No. 147315-50-2 is registered by European community under Ref. no. 51700 and has a SLM = 0.05 with no food restrictions.

• HAZARD CLASSIFICATION

Non-hazardous substance.



Irritant

• CAPACITY

100 MT Per Year.

• STORAGE CONDITION

Store in closed container at ambient temperature. Avoid direct sunlight.

• PACKING DEATILS

Big Jumbo Bag : Bag Capacity 500 kg and Net Wt. 360 kg
1 Bag of 360 kg on One Pallet

• SHELF LIFE

3 Years.

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)

Above information is given in good faith and without warrenty.

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