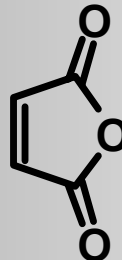


Maleic Anhydride (MAN)

Formula:



Structural formula:



Mol. weight: 98.06

SYNONYMS:

	Maleic acid anhydride
CAS:	2,5-Furandione
	Maleic anhydride
CAS RN:	[108-31-6]
German:	Maleinsäureanhydrid
	Dioxo-2,5-dihydrofuran

HANDLING:

Packing:	PE-laminated multiple paper bags of 25 kg net as well as bulk
Stability:	solid: 6 months liquid: 3-4 weeks
Storage:	liquid: not higher than 65°C
TSCA:	listed

SPECIFICATION RL-M 2310/04:

Description:	clear melt
Identity:	IR-spectrum
Solidification point:	52.2 - 52.7°C
Ash:	max. 10 ppm
Iron:	max. 5 ppm
Heavy metals as Pb:	max. 5 ppm
Maleic acid:	max. 0.5%
Colour of the melt:	max. 20 APHA
Assay (acidimetric):	min. 99.7%

APPLICATIONS:

- Unsaturated polyester resins (UPRs)
- 1,4-Butanediol and derivatives
- Tetrahydrofuran
- Lubricating oil additives (e.g. Polyisobutylene succinic anhydride)
- Copolymers (e.g. Styrene-maleic anhydride)
- Methyl vinyl ether-maleic anhydride
- Diisobutylene-maleic anhydride (Acrylic acid-maleic anhydride)
- 1,3-Butadiene-maleic anhydride
- C₁₈ α-Olefin-maleic anhydride
- Fumaric acid
- Maleic acid
- Agricultural chemicals (Malathion)
- Alkyd resins
- Fine chemicals:
 - Sulphosuccinic acid esters
 - Alkenyl succinic anhydrides
 - Aspartic acid
 - Succinic anhydride
 - Succinic acid
 - Maleic acid ester