



Solvents & Chemicals

Acrylates



www.dps-instruments.com

Plastics are a multi-billion dollar industry worldwide. One of the most common forms of plastic are produced from acrylates. Acrylates and methacrylates are common monomers, which easily form polymer plastics because their double bonds are very reactive. These groups of polymers are generally referred to as acrylic plastics and are noted for their transparency and resistance to breakage. Plexiglas is an example of a clear break resistant acrylic polymer. Because the composition and impurities in the plastics are so critical to their strength and performance, the DPS Acrylates GC Systems are configured with the latest designed high resolution capillary column and the sensitive FID detector to quickly detect these compounds. The Series 600 GC is for analyses in the lab, or use the Portable Companion 1 GC Systems for analyses right where the samples are taken. The fast heating and rapid cooling column oven in every DPS GC vastly increases your sample throughput. The fully integrated Acrylates GC Analyzer Systems are small and lightweight and all DPS systems are modular for expandability, upgrades, and easy service.



Series 600 GC

Available Configurations Include:

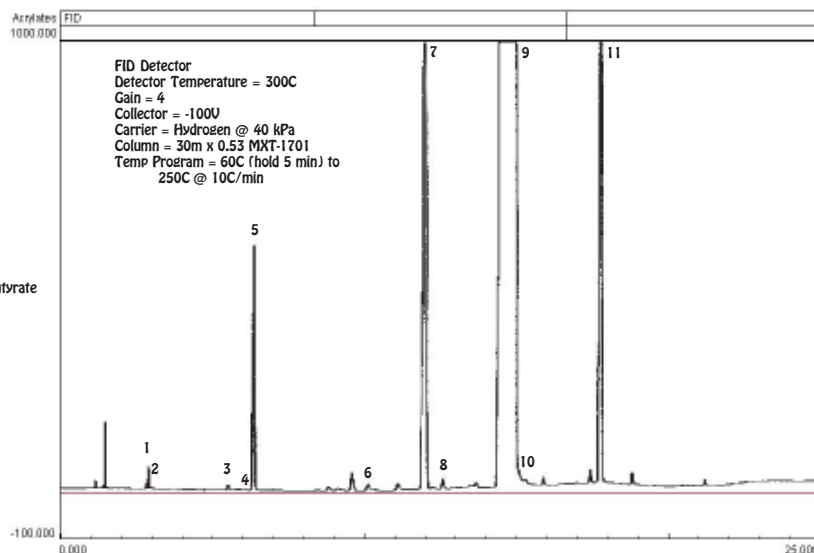
- 600-C-110 - Series 600 Acrylates GC Analyzer (FID, 30m)
- 500-C-110 - Companion 1 Portable Acrylates GC Analyzer (FID, 30m)

Acrylic Impurities



Companion 1 Portable GC

Peak	Component
1	n-Butanol
2	Methyl Methacrylate
3	n-Butyl Acetate
4	Isopropyl Methacrylate
5	N-Butyl Ether
6	Isobutyl Isobutyrate
7	Isobutyl Methacrylate
8	n-Butyl Isobutyrate
9	Butyl Methacrylate
10	n-Butyl n-Butyrate
11	n-Butyl α -Hydroxyisobutyrate



11/2015 Specifications may change without notice.