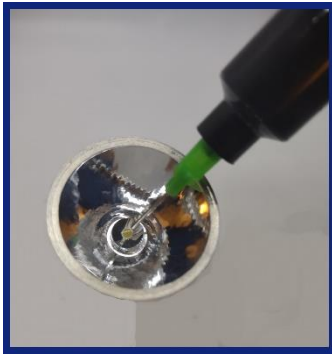




News Release

January, 2024

Flashbond® UV-3720 - UV Cured Epoxy for Active Alignment



epoxySet introduces the Flashbond® UV-3720 for active alignment applications. Originally formulated for camera modules, this state-of-the-art epoxy is an excellent choice for optical devices, sensors and electronic modules where holding the alignment is critical.

The UV-3720 is a dual cure system that can be cured with UV energy or heat. It cures in seconds under UV and can produce the same high properties with a 125°C cure (and no UV energy). This makes the UV-3720 ideal for bonding shadowed areas and complicated configurations to eliminate the need for more than one adhesive.

UV-3720 offers a cure shrinkage of 0.015% (with either UV or heat). This rigid polymer has a glass transition temperature of 155°C with a CTE of 30ppm/°C. It is perfect for holding alignments through a temperature range of -55 to 200°C. This halogen free system withstands 85/85 testing for 1000 hours with an exceptionally low water absorption rate. Producing excellent bond strength to PPS as well as polyimides, polyester film, LCPs and all elements in printed circuit boards.

Flashbond® UV-3720 is available in 10 and 30cc syringes as well as 8oz and 1 liter bottles and can be shipped in under 2 weeks.

epoxySet is an innovative custom formulator of Epoxies, Urethanes, Silicones, Thermal Greases and UV cures for the electronic, medical, semi-conductor, optics, automotive and aerospace industries. Our extensive experience allows us to quickly modify our wide-ranging product line for any requirement. Please contact our technical support staff at 401-726-4500 or info@epoxyset.com

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