

CATALYST 730 Red

Introduction & Applications

Catalyst 730 Red is a blend of organic peroxides for use in applications where a low exotherm is desired such as FRP laminates or for use in resin transfer molding (RTM). Catalyst 730 Red provides higher productivity in curing fiberglass reinforced unsaturated polyester systems where a lower peak exotherm temperature during cure will allow fabrication of thicker laminates without warping or cracking. During RTM, an organic peroxide with less peak exotherm temperature while curing the unsaturated polyester will eliminate or reduce shrinkage and cracking problems. Catalyst 730 Red is a vivid red color, which allows the user to monitor dispersion in the resin of choice.

Product Description

Chemical Name	CAS-No.	Wt/Wt
diluent	6846-50-0	39.0-40.0 %
methyl-ethyl-ketone peroxide	1338-23-4	24.0-25.0 %
cumene hydroperoxide	80-15-9	26.0-27.0 %

Standard Specifications

physical form	red liquid
active oxygen	> 8.87%

Typical Physical Properties

SADT	75°C (167°F)
flashpoint	78°C (172°F)

Temperature Tolerance

Do not store above: 38°C (100°F).

Recommended storage temperature: < 30°C (86°F)

Shelf-Life

Catalyst 730 Red is stable at room temperature, and exhibits no degradation at mildly elevated temperatures up to 38°C (100°F) for short periods of time. If stored at room temperature and away from all potential contaminants, Catalyst 730 Red has a shelf-life of 6 months from the date of Arkema delivery.

Packaging

Catalyst 730 Red is packaged in cartons of 4 x 1-gallon bottles.

Availability

Catalyst 730 Red is available in North America from Arkema and authorized distributors.

To discuss availability or speak to a salesperson, please call 844-LUPEROX.