



Chemieresin Industries Pvt. Ltd.

Plot No. 901/A, Phase - 4, GIDC - Naroda, Ahmedabad - 382330

Technical Data Sheet

Product : CR 712

Chemical Composition

CR 712 is a blend of cycloaliphatic anhydrides. Main components are MTHPA isomers.

Product specification

<u>Characteristics</u>	<u>Unit</u>	<u>Value</u>
Appearance		Clear Liquid
Purity	%	99.0 min
Colour	GS	4 Max.
Acid content	%	1max

Typical properties

<u>Characteristics</u>	<u>Unit</u>	<u>Value</u>
Density @ 25°C	-	1.15 – 1.25
Viscosity @ 25°C	mPa.s	150-200
Vapour pressure @ 120°C mmHg		2,0

Applications

CR 712 is mainly used as a curing agent for epoxy resins. It has a low tendency to absorb moisture from the air and zero or minimal formation of carbon dioxide when mixed with tertiary amine accelerators.

CR 712 can be easily blended with various liquid resins providing stable, low viscous mixtures and long pot lives. It is widely used for:

- ♣ Casting / Potting
- ♣ Impregnation
- ♣ Lamination

In the field of reinforced plastics it is used for filament winding products (pipes for oil, poles and sport goods), laminated sheets, printed circuit boards, switch gears.

Thanks to its excellent insulating properties, CR 712 finds a lot of applications for the

production of electrical parts such as: capacitors, resistors, wiring parts transformers, ignition coils, fly back transformers.

Packaging :

Galvanized drum 220 kg; bulk; upon request other form of packaging can be available.

Storage :

It must be stored away from open flames or other potential ignition sources, and should be protected from moisture because it easily crystallizes when in contact with the air moisture. During the winter season CR 712 can solidify, but it can be easily re-melted by simply heating.

Shelf life :

12 months from production date.

Disclaimer :

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