

DRAGONKRAFT

THE BIO-RESIN SPECIALISTS

103R100 TECHNICAL DATA

100% renewable carbon content.

GENERAL DESCRIPTION

The Dragonkraft Epoxy resins are primarily for use with the Dragonkraft range of hardeners and boosters where they combine to form systems that are high strength with a flexible, non-brittle, non-chalking and low shrinkage finish. They also offer good wet out properties, are self levelling and cost effective.

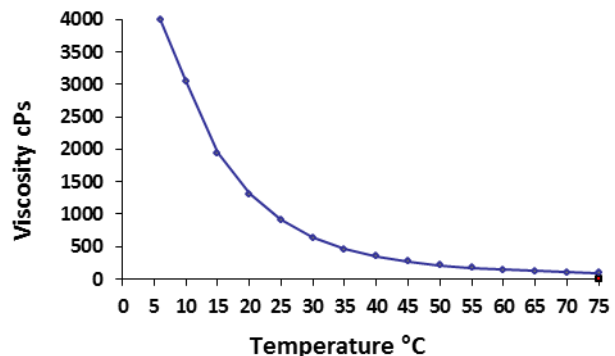
Dragonkraft Epoxy resins have a very high renewable carbon content and, being from a natural source, the 103R100 resin has a low odour, is non-hazardous and is BPA free. The 103R100 has been further processed such that it is purer than the 101R100 and as such has improved colour and slightly higher EEW.

By choosing the correct combination of resin, hardener and booster the correct product for a particular application can be selected. More details for the different properties that can be developed are shown on the TDS's for the particular hardeners.

In general the 103R100 resin should suit most applications with the correct hardener and this gives the user the flexibility to modify booster levels as they see fit to increase cure speed and hardness.

PROPERTIES

Description	An epoxidised plant oil
Appearance @ 45°C	Pale Yellow Oil
Density @25°C	1.034
Colour (Gardner)	1
Epoxy Equivalent weight	185
Viscosity	See Graph opposite
Shelf Life	At least 12 months in unopened container at <40°C



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As the 103R100 is used with a hardener please see the relevant hardener Technical Data Sheet.

HAZARD SUMMARY

Non-hazardous and non toxic to aquatic systems.

STORAGE

All components should be stored at room temperature in sealed containers to prevent moisture ingress and contamination.

The 103R100 Resin will winterise at temperatures less than 10°C but this is easily reversible through warming to 30-40°C and repeated heating/cooling cycles have no detrimental effect on the performance of the resin.

SAMPLING

Samples of this novel technology are available but as all formulations are the propriety information of Dragonkraft Europe the standard Dragonkraft Non-disclosure agreement must be completed prior to any sample or MSDS being supplied.

DISCLAIMER

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