

BLUESIL RES 20B 83 %

Description	BLUESIL RES 20B 83% is a special silicone resin supplied as an organic solution which is mainly used to provide release and anti-adherence of thermosets (epoxies, aminoplastics, phenoplastics, polyesters...).														
Examples of applications	After application and heat-polymerisation, BLUESIL RES 20B 83% gives a dry and heat resistant film which ensures easy release and provides a good surface aspect to the parts. BLUESIL RES 20B 83% can also be used as impregnating or varnishing of cylinder head gaskets.														
Key benefits	BLUESIL RES 20B 83% offers the following advantages: <ul style="list-style-type: none"> • Excellent thermal stability up to 250°C: it prevents clogging of the moulds which are easily cleaned, • Permanent anti-adherent effect which provides multiple releases, • Excellent adherence on the mould surface. 														
Typical properties	<table border="1"> <tr> <td>Appearance</td> <td>clear to slightly turbid liquid</td> </tr> <tr> <td>Colour colourless</td> <td>to straw yellow</td> </tr> <tr> <td>Dry content, %, approx</td> <td>83</td> </tr> <tr> <td>Solvent</td> <td>xylene</td> </tr> <tr> <td>Flash point, °C, approx. (closed cup).</td> <td>28</td> </tr> <tr> <td>Specific gravity at 25 °C, approx</td> <td>1.08</td> </tr> <tr> <td>Viscosity at 25 °C, mm²/s, approx.</td> <td>700</td> </tr> </table> <p>Diluents: aromatic hydrocarbons, white spirit, isopropyl alcohol, chlorinated solvents Please note: The typical properties are not intended for use in preparing specifications. Please contact our local Sales Department for assistance in writing specifications.</p>	Appearance	clear to slightly turbid liquid	Colour colourless	to straw yellow	Dry content, %, approx	83	Solvent	xylene	Flash point, °C, approx. (closed cup).	28	Specific gravity at 25 °C, approx	1.08	Viscosity at 25 °C, mm²/s, approx.	700
Appearance	clear to slightly turbid liquid														
Colour colourless	to straw yellow														
Dry content, %, approx	83														
Solvent	xylene														
Flash point, °C, approx. (closed cup).	28														
Specific gravity at 25 °C, approx	1.08														
Viscosity at 25 °C, mm²/s, approx.	700														
Instruction of use	The anti-adherent treatment should be applied to surfaces which have been cleaned and degreased or even sanded and then dried. The application is done with a brush, a pad or a spray gun after diluting the product as supplied in a solvent or a solvent mixture. The coating applied in then allowed to air dry to evaporate the most part of the solvents, then heated progressively and kept at about 200- for 1 hour. The thermal treatment may be brought back to about 15 min at by addition of 10 % of BLUESIL SICCATIF 15 (compared with the product as supplied) to the treatment mixture.														
Regulation	Please consult your local ELKEM SILICONES sales office.														
Limitations	Please consult your local ELKEM SILICONES sales office.														
Packaging	<ul style="list-style-type: none"> • BLUESIL RES 20B 83 % is available in <ul style="list-style-type: none"> ○ Drum of 200 KG (441 LB) ○ Drum of 25 KG (55.13 LB) ○ Pallet of 1000 KG (2205 LB) 														
Storage and shelf life	When stored in its original packaging: BLUESIL RES 20B 83 % may be stored at temperatures between -20°C / -4°F and 30°C / 86°F for up to 12 months from its date of manufacturing. Comply with the storage instructions and expiration date marked on the packaging. Beyond this date, Elkem Silicones no longer guarantees that the product meets the sales specifications.														
Safety	Please consult the Safety Data Sheet of: BLUESIL RES 20B 83 %														

BLUESIL RES 20B 83 %

Visit our website www.elkem.com/silicones/

Warning to the users

The information contained in this document is given in good faith based on our current knowledge. It is only an indication and is in no way binding, particularly as regards infringement of or prejudice to third party rights through the use of our products. ELKEM SILICONES guarantees that its products comply with its sales specifications. This information must on no account be used as a substitute for necessary prior tests which alone can ensure that a product is suitable for given use. Determination of the suitability of product for the uses and applications contemplated by users and others shall be the sole responsibility of users. Users are responsible for ensuring compliance with local legislation and for obtaining the necessary certifications and authorisations. Users are requested to check that they are in possession of the latest version of this document and ELKEM SILICONES is at their disposal to supply any additional information.