EPOXY RESINS ARE OUR BUSINESS

The world wants to be healthier, lighter, faster, smarter, longer-living. At the same time, it needs to be sustainable. Epoxy resins have turned the construction upside down: the life of metal and concrete structures is considerably longer than their moral age. Epoxy resins have introduced the term “lightweighting” into automotive and entered the area of wind mills with a vigour of 4MW of power.

We have invested more than 60 years of experience and desire for innovation into the production of epoxy resins. The result is a top-notch epoxy resin and we use secondary raw materials for its modern production in the heart of Europe. This is our answer.

The quality of polymer materials starts in production that is fully under our control. We produce epoxy resins in our own independent integrated production facility in the Czech Republic. Our processes are subject to strict European legislation, high technical standards and culture, resulting from our long industrial tradition in the European environment.

Our range includes liquid, solid as well as semi-solid epoxy resins and solutions. All our operation facilities where resins are produced are at the top of the European market in terms of their capacity.

We have a friendly approach to our environment as well as many of our customers do. This is why we share with them our passion for EnviPOXY®, our top-class epoxy resin with the highest bio-based content in the market. The technology of production of epoxies from waste glycerine has been developed by our people as many other inventions and product solutions. More than ten years of the production of drop-in epoxies from organic by-products and their use in top-class applications for composites are proof of their quality and versatility.

The information, and, in particular, the recommendations relating to the application and end-users of Spolchemie products, are given in good faith on Spolchemie’s current knowledge and experience of the products when properly stored, handled and applied under normal conditions, and are subject to change. Spolchemie therefore does not guarantee in any explicit or implied way the suitability of the recommendations or compliance with any legal requirement, nor does it warrant the accuracy or completeness of the information, or from any written recommendations, or from any other advice offered. Users should always refer to the most issue of the technical and application data sheet for the product concerned, copies you will find on www.spolchemie.cz.

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UNMODIFIED LIQUID

CHS-EPOXY 520 M 80 0,84 - 0,85 5,0 - 5,2 180 - 195 max. 100 max. 0,03 Bisphenol A/F epoxy resin Coatings, adhesives, composites

CHS-EPOXY 530 1,5 - 2,5 5,5 - 5,7 179 - 187 max. 100 max. 0,03 Bisphenol A/F epoxy resin Coatings, adhesives, composites

CHS-EPOXY 582 0,64 - 0,72 5,8 - 6,1 165 - 173 max. 100 max. 0,03 Bisphenol A/F epoxy resin Coatings, adhesives, composites

CHS-EPOXY 590 3,0 - 5,5 5,70 - 6,06 165 - 175 max. 100 max. 0,03 Bisphenol F epoxy resin Coatings, adhesives, composites

CHS-EPOXY 624 1,0 - 1,5 4,8 - 5,5 210 - 220 max. 100 max. 0,03 Bisphenol F epoxy resin Coatings, adhesives, composites

CHS-EPOXY 620 0,5 - 0,9 4,5 - 4,9 195 - 205 max. 100 max. 0,03 Bisphenol F epoxy resin Coatings, adhesives, composites

CHS-EPOXY 621 1,0 - 1,5 4,3 - 4,7 195 - 205 max. 100 max. 0,03 Bisphenol F epoxy resin Coatings, adhesives, composites

CHS-EPOXY 616 1,0 - 1,5 4,3 - 4,7 195 - 205 max. 100 max. 0,03 Bisphenol F epoxy resin Coatings, adhesives, composites

CHS-EPOXY 615 1,0 - 1,5 4,3 - 4,7 195 - 205 max. 100 max. 0,03 Bisphenol F epoxy resin Coatings, adhesives, composites

CHS-EPOXY 573 8,0 - 10,5 5,3 - 5,6 179 - 189 max. 100 max. 0,03 Bisphenol A/F epoxy resin Coatings, adhesives, composites

CHS-EPOXY 571 6,0 - 8,0 5,4 - 5,7 175 - 185 max. 100 max. 0,03 Bisphenol A/F epoxy resin Coatings, adhesives, composites

CHS-EPOXY 112 4F5 0,5 - 1,0 2 0,90 - 1,10 910 - 1110 - - Modified by 5% of flow control agent 3 Powder coatings

CHS-EPOXY 222 IX 60 0,2 - 0,4 1,8 - 2,3 430 - 555 max. 3* =N3 60% solution in solvent blend, flexibilized

CHS-EPOXY 301 X 80 5,5 - 7,5 2,7 - 3,3 300 - 370 max. 1* - 80% xylene solution of semisolid epoxy resin

CHS-EPOXY 290 M 80 2,5 - 5,5 2,0 - 2,4 410 - 500 max. 1* - 80% xylene solution of semisolid epoxy resin

CHS-EPOXY 381 X 90 2,0 - 5,0 3,2 - 3,8 4 - - - 90% xylene solution of flexibilized epoxy resin

CHS-EPOXY 200 M 80 2,5 - 5,5 2,0 - 2,4 410 - 500 max. 1* - 80% xylene solution of semisolid epoxy resin

CHS-EPOXY 571 6,0 - 8,0 5,4 - 5,7 175 - 185 max. 100 max. 0,03 Bisphenol A/F epoxy resin Coatings, penetrants, filled systems, casting

CHS-EPOXY 573 8,0 - 10,5 5,3 - 5,6 179 - 189 max. 100 max. 0,03 Bisphenol A/F epoxy resin Coatings, penetrants, filled systems, casting

CHS-EPOXY 570 6,0 - 8,0 5,3 - 5,5 160 - 170 max. 100 max. 0,1 Bisphenol A/F epoxy resin Coatings, penetrants, filled systems, casting

CHS-EPOXY 520 M 80 0,04 - 0,05 4,1 - 4,4 4 227 - 244 max. 300 - 80% solution in methylethylketone High solid coatings, prepregs etc.

CHS-EPOXY 210 X 75 5,0 - 12,0 2,0 - 2,3 445 - 500 max. 1* - 75% solution in xylene High performance two component coating materials

CHS-EPOXY 381 X 90 2,0 - 5,0 3,2 - 3,8 4 - - - 90% xylene solution of flexibilized epoxy resin

CHS-EPOXY 573 8,0 - 10,5 5,3 - 5,6 179 - 189 max. 100 max. 0,03 Bisphenol A/F epoxy resin Coatings, penetrants, filled systems, casting

CHS-EPOXY 571 6,0 - 8,0 5,4 - 5,7 175 - 185 max. 100 max. 0,03 Bisphenol A/F epoxy resin Coatings, penetrants, filled systems, casting

CHS-EPOXY 570 6,0 - 8,0 5,3 - 5,5 160 - 170 max. 100 max. 0,1 Bisphenol A/F epoxy resin Coatings, penetrants, filled systems, casting

CHS-EPOXY 520 M 80 0,04 - 0,05 4,1 - 4,4 4 227 - 244 max. 300 - 80% solution in methylethylketone High solid coatings, prepregs etc.

CHS-EPOXY 210 X 75 5,0 - 12,0 2,0 - 2,3 445 - 500 max. 1* - 75% solution in xylene High performance two component coating materials

CHS-EPOXY 381 X 90 2,0 - 5,0 3,2 - 3,8 4 - - - 90% xylene solution of flexibilized epoxy resin

CHS-EPOXY 573 8,0 - 10,5 5,3 - 5,6 179 - 189 max. 100 max. 0,03 Bisphenol A/F epoxy resin Coatings, penetrants, filled systems, casting

CHS-EPOXY 571 6,0 - 8,0 5,4 - 5,7 175 - 185 max. 100 max. 0,03 Bisphenol A/F epoxy resin Coatings, penetrants, filled systems, casting

CHS-EPOXY 570 6,0 - 8,0 5,3 - 5,5 160 - 170 max. 100 max. 0,1 Bisphenol A/F epoxy resin Coatings, penetrants, filled systems, casting