

Valikat Polyurethane catalysts



Umicore Specialty Materials Brugge (USMB) in Belgium has more than 25 years of experience in the production of catalysts for various applications.

Our Valikat line of polyurethane catalysts is especially suitable for CASE applications: coatings, adhesives, sealants and elastomers. The Valikats enable formulators to replace toxic mercury and tin catalysts by sustainable and safe bismuth and zinc catalysts.

Valikat catalysts:

- Are a sustainable, safe and environmentally friendly solution
- Are good catalysts for polyether, polyester and PTMEG based elastomers
- Have proven effective for both aromatic and aliphatic isocyanates.

We offer you high quality products manufactured under the surveillance of skilled specialists, and technical advice for the reformulation of your catalysts.

Apart from Valikats, Umicore also offers Valirex Zn, at several concentrations of Zn metal. Valirex Zn is used as a catalyst in the production of flexible foam. Our standard is Valirex Zn 22.5.

Specifications

	Density (kg/m ³)	Flash Point (°C) (min.values)	Metal Content (%)	Viscosity (Poise, 0°C) (max.values)
Valikat Bi1610	1060 - 1160	101	15.5 - 16.5	50
Valikat Bi2010	1100 - 1200	101	19.3 - 20.7	100
Valikat Bi2010 L	1170 - 1270	101	19.3 - 20.7	250
Valikat Bi2810	1250 - 1350	101	27 - 29	5000
Valikat Bi2408 D60	1140 - 1240	62	23.3 - 24.7	2.5
Valikat Bi2408 DINP	1200 - 1250	62	23.7 - 5	5
Valikat Bi2808	1150 - 1350	101	27 - 29	50
Valikat Zn1910	1100 - 1140	101	18.3 - 19.7	1500
Valikat ZB1001	1100 - 1200	101	Blend of Bi/Zn	1000
Valikat ZB8	1050 - 1150	101	Blend of Bi/Zn	500
Valirex Zn22.5%	1180 - 1210	101	22.3 - 22.9	35