

# Modralit® 3K



## Technical Data Sheet

Product Description: Model die material on the basis of polyurethane with filling materials

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### Composition:

Pos	chemical term	hardener	CAS-No.
1	Diphenylmethanediisocyanat		101-68-8
2	Isomers		
3	Homologies		

Pos	chemical term	filling	CAS-No.
1	sodium - lime - glass		65997-17-3

Pos	chemical term	basis	CAS-No.
1	Tris (2-chlorethyle)-phosphate		115-96-8

### Product characteristics of the composition:

Colour: ivory  
Vicker's hardness: approx. 12,0 kp/mm<sup>2</sup>  
Bending strength: approx. 50 N/mm<sup>2</sup>  
E-Module: approx. 2500 N/mm<sup>2</sup>  
Beat resistance: approx. 5,7 KJ/m<sup>2</sup>  
Shrinkage: approx. 0,067 %  
Mixing ratio: Basis : hardener = 2 : 1 +1 mixing spoon filling material  
Processing time: approx. 2 min.  
Polymerisation: approx. 4-5 min at 23 °C  
Treatment: can be grinded and sawed after approx. 1 hour  
Shelf life: > 2 years in the original container

These data result from measurements which are executed from time to time in view of our quality management system.  
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