

INTRODUCTION:

It is a two component room temperature vulcanising hand moldable silicon which cures on the addition of the appropriate CATALYST PX-30, according to the polycondensation process.

SILIMOLD PX-30 silicon rubber is characterized by a medium high hardness, an high dimensional stability and a good mechanical resistance.

APPLICATION:

SILIMOLD PX-30 silicon rubber is ideal in the casting of any size of patterns and surfaces in vertical position. The flexible casts realized are characterized by an high mechanical strength, no discernable shrinkage and a good "sand ability", in order to achieve a perfect finish.

PACKING:

Component A: Kg. 5 – Kg. 20 Plastic bucket

Component B: Gr. 40 Alu tubes

SHELF LIFE:

Both components (A and B) 12 months in their original tightly closed containers, in a dry and cool place, away from moisture and at temperature between +5°C and +30°C.

TRANSPORT:

RID/ADR exempt: the product is not flammable.

TECHNICAL PROPERTIES**BEFORE CATALYSIS**

APPEARANCE:	Paste
COLOUR:	Component A : White Component B : Pink
SPECIFIC GRAVITY:	Comp. A e B: 1,420 Kg./lt. \pm 0,030 *
MIXING RATIO:	100 : 5 by weight (= 5%) Catalyst PX 30

DURING CATALYSIS

POT-LIFE:	60 min.*
POURING TIME:	30 min.*
DEMOULDING TIME:	18 hours *

It is advisable to avoid catalysis of the product at temperatures over +30°C

AFTER CATALYSIS

APPAREANCE:	Flexible rubber
COLOUR:	Semi bright pinky
HARDNESS SHORE A :	30 \pm 3 (DIN 53505)
TEARING STRENGHT:	7 N/MM. \pm 0,5 (ASTM D 624 S A 3)
TENSILE STRENGHT:	3 N/mm ² \pm 0,5 (DIN 53504 - S A 3)
ELONGATION AT BREAK:	600 % \pm 30 (DIN 53504 - S A 3)
LINEAR SHRINKAGE:	0,4 % max. after 5 days ageing (ISO 4823)
FLAME RESISTANCE:	Self extinguishing (ASTM 1692)

(*) NOTE:**TESTS HAVE BEEN CARRIED OUT UNDER THESE CONDITIONS**

Temperature:	+20°C
After:	24 ore
R.H.:	60%
Catalysis:	100:5

Pouring time, demoulding time and Pot Life duration depend on room temperature, R.H. and on the mixing ratio A+B.

NOTE. The information given to users is based on our best experience. However, because of the many possible applications, which are outside of our knowledge and control, we cannot accept liability for loss or damage resulting from reliance upon such information. Typical data values should not be used as a basis for product specifications.