

## Polishing and Blocking Pitches

Polishing and blocking pitches are characterized by hardness. The hardness is defined as temperature in °C, to which the pitch should be warmed up, so that a needle with diameter of 1mm penetrates into the pitch for 2mm at 10 seconds under the pressure of one kilogram-force. We offer polishing pitches with the hardness from 15°C up to 45°C and blocking pitches with the hardness from 15°C up to 56°C. The polishing pitches can be produced as pure material as well as with implantation of polishing powders, what changes the abrasive properties of the polishing pitches.



pitch	description	price, EUR/kg
OXAPA PP15 OXAPA PP16 ...	<b>soft</b> polishing pitches with hardness from 15°C up to 24°C	30
OXAPA PP23 OXAPA PP24	dropping point from 65°C-75°C measured with viscosimeter Ubbelohde	
OXAPA PP25 OXAPA PP26 ...	<b>intermediate</b> polishing pitches with hardness from 25°C up to 34°C	30
OXAPA PP33 OXAPA PP34	dropping point from 75°C-90°C measured with viscosimeter Ubbelohde	
OXAPA PP35 OXAPA PP36 ...	<b>hard</b> polishing pitches with hardness from 35°C up to 45°C	30
OXAPA PP44 OXAPA PP45	dropping point from 85°C-95°C measured with viscosimeter Ubbelohde	
OXAPA BP15 ...	<b>blocking</b> pitches with hardness from 15°C up to 56°C	31
OXAPA BP56	dropping point from 65°C-105°C measured with viscosimeter Ubbelohde	
OXAPA PP WR	polishing pitch <b>for water soluble crystals</b>	30

## Synthetic Blocking Pitch

The synthetic blocking pitch OXAPA SBP allows to block glass substrates onto a mounting block for further processing. One heats the mounting block up to ca. 80°C, presses the synthetic pitch against the mounting block and melts it uniformly. Afterwards one presses the glass substrates onto the mounting block and cools down to room temperature. One reheats the mounting block to remove the glass substrates after processing. The blocking technology should be adapted for each glass family.



pitch	description	price, EUR/pc
OXAPA SBP	synthetic blocking pitch melting temperature ca. 80°C size dia 22 x 180mm, weight 90g	47