

Blastrone



The surface finishing has “slipperiness (lower friction)” and “Amazing wear resistance”

4 Big Advantages

1. Foamy surface makes contact areas smaller so slipperiness is very excellent.
2. Surface hardness is around HV1000. Small wearing.
3. Flexibility to several shape of base material.
4. Several option for surface roughness.

Fulfilling Inspection Systems

1. Any shapes are acceptable for surface condition photo (see below photo).
2. High quality control by roughness tester.
3. Fine surface condition control by microscope (up to 3000 times).

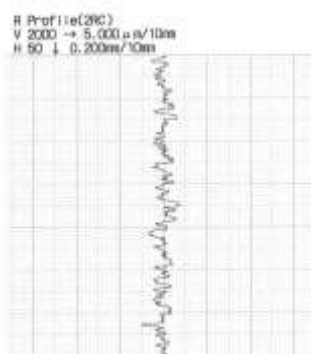
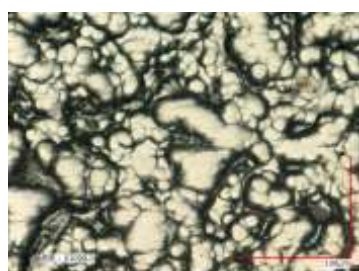
1. Replica photo



2. Roughness data

Surfcorder SE500
日時 : 2022年 8月 2日
触針径 : 2 μm
送り速度 : 0.5 mm/s
計測寸法 : 1.0 × 2.500 mm
測定長さ : 2.500 mm
[JISB2]
Rz : 3.594 μm
Rmax : 4.336 μm
Ra75 : 0.581 μm
Ra : 0.705 μm

3. Microscope photo



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● Processing Specifications

1. Standard spec Blastrone plating thickness $20\mu\text{m}$
2. Surface roughness type 6 type

● Processing Limit

1. Length 1000mm
2. Width 700mm
3. Depth 400mm
4. Weight under 100 kg

● Price

1. Standard DiChron price on a little up charge
Same amount for all types

● Practical Examples



1. Subject : Stretching roll
2. Terms of use : High temperature
3. Application : There is a stretching roll at stretching process in spinning industry , the roll spin the strings with heat shock , the roll rotates at high speed and easy wearing .



1. Subject : Guide roll
2. Terms of use : Ordinary temperature
3. Application : The damage and roll-in issues occur on feeding roll . It may occur because of the difficulty of separate the roll and film .



1. Subject : Neck conveyor for PET bottle .
2. Terms of use : Ordinary temperature
3. Application : Normally plastic guides and teflon tapes are used to handle plastics bottle . But it is easy wear out .