



## ST SRL

25030 BRANDICO (BS) Italy - Via E. Fermi, 64  
Tel. 030 975115 - Telefax 030 975891  
<http://www.esseti-srl.com> - e-mail: [info@esseti-srl.com](mailto:info@esseti-srl.com)  
C.F./P.IVA 02054360983 – Reg. Impr. BS n. 02054360983  
R.E.A. di BS n. 409390 - IMPORT - EXPORT M. BS074291

### Ogg.: Materials used in manufacturing

ST SRL products (trade mark ESSETI™) are not designed nor constructed for use in food or drinking water.

#### BRASS BREAD (die-cast parts)

Commercial name: **DELTA C**

Chemical composition:

Cu	Pb	Ni (max)	Fe (max)	Mn (max)	Sn (max)	Si (max)	Al	As	Zn
58,5-59,5	1,8-2,5	0,6	1,0	0,3	1,2	0,05	0,4-0,8	--	--

Density	8,45 kg/dm <sup>3</sup>
Electrical conductivity	21
Linear withdrawal	1,9 – 2 %
Melting point	850 °C
Strain temperature	980 – 1080 °C
Loaded breach to traction	390 – 440 N/mm <sup>2</sup>
Lengthening	22 – 25 %
Brinell hardness	90 – 100 HB

#### DRAWN BAR (automatic lather-worked parts)

Alloy: **UNI EN 12164 CW614N**

Chemical composition:

Cu	Pb	Ni (max)	Fe (max)	Mn (max)	Sn (max)	Si (max)	Altre (max)	Zn
57-59	2,5-3,5	0,3	0,3	0,3	0,3	0,05	0,2	rests

#### EXTRUDED BAR (hot-pressed parts)

Alloy: **UNI EN 12165 CW617N**

Chemical composition:

Cu	Pb	Ni (max)	Fe (max)	Mn (max)	Sn (max)	Si (max)	Altre (max)	Zn
57-59	1,6-2,5	0,3	0,3	0,3	0,3	0,05	0,2	rests

#### RUBBERS

Material: **EPDM 65SH**

#### PLASTIC PISTONS

Material: **PP FV30** (Polypropylene loaded fiber glass 30%)

Used in 274 series: **POM** (Acetal – polyoxymethylene)

*This document is exclusive property of ST SRL and cannot be reproduced or yielded to thirds party without written authorization. The company reserves the faculty of technical modifications without warning. ESSETI™ is a registered trademark of ESSETI S.R.L. and sold and distributed by ST SRL.*