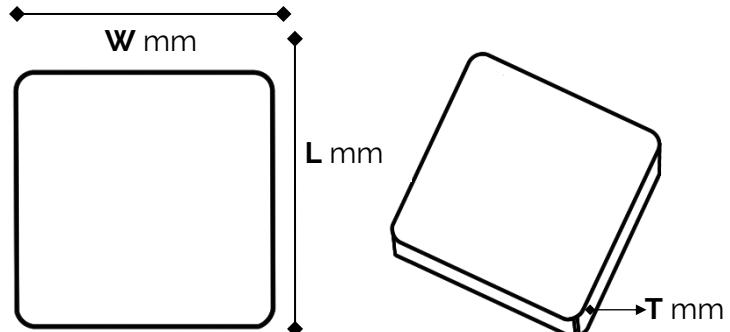


# Type ESQ Packer

Colour	T mm	W mm	L mm
Black	2	70	70
Black	3	70	70
Black	5	70	70
Black	7	70	70
Black	9	70	70
Black	10	70	70
Black	20	70	70



## Processing:

The below data has been taken from our raw material data sheet.

*\*Not to scale, all dimensions nominal*

## Injection Moulding

Physical	Test Method	Values
Specific Gravity	ISO 1183	12
Melt Flow Index (220°C, 10kg)	ISO 1133	38 g/10min
Water Absorption	ISO 62	-%
Mold Shrinkage	ISO 294-4	0.5 – 0.8%

Mechanical	Test Method	Values
Tensile Strength (at yield)	ISO 527	46Mpa
Elongation (at break)	ISO 527	20%
Flexural Strength	ISO 178	73 Mpa
Flexural Modulus	ISO 178	2,500 Mpa
Izod Impact Strength (23°C)	ISO 180/1A	21 KJ/m <sup>2</sup>
Charpy Impact Strength (23°C)	ISO 179/1eA	22 KJ/m <sup>2</sup>
Thermal	Test Method	Values
Heat Deflection Temperature (1.8 Mpa, Unannealed)	ISO 75-2	80°C
Heat Deflection Temperature (0.45 Mpa, Unannealed)	ISO 75-2	91°C
Vicat Softening Temperature (B50)	ISO 306	95°C

Flammability	Test Method	Values
Flame Rating – UL (1.6mm)	UL 94	HB

a) Injection molded specification according to ISO 294.