



**Material properties**

<b>Solids</b>		
<b>Material</b>	<b>CAS No.</b>	<b>Free Surface Energy</b>
ABS	9003-56-9	34 - 42mN/m.
Aluminium	7429-90-12	33 – 36mN/m
HDPE	9002-88-4	30 - 32mN/m.
PE	9002-88-4	30 - 32mN/m.
PMMA	9003-42-3	38 – 42mN/m
PP	9003-07-0	28 - 31mN/m.
PS	9003-53-6	30 - 36mN/m.
PTFE	9004-84-0	18 - 22mN/m.
Steel	7439-89-6	35 - 50mN/m
Titanium	7440-32-6	44 – 48mN/m

**FOR A COMPREHENSIVE LIST OF MATERIAL PROPERTIES PLEASE LOG ON TO OUR MEMBERS AREA.**

<b>Liquids</b>		
<b>Material</b>	<b>CAS No.</b>	<b>Surface Tension</b>
2-ethoxyethanol	110-80-5	28.8 mN/m
Acitone	67-64-1	23.0 mN/m
Diiodomethane	75-11-6	50.8 mN/m
Ethanol	64-17-5	22.0 mN/m
Ethylene glycol	107-21-1	48.4 mN/m
Formamide	75-12-7	57.0 mN/m
IsoPropanol	67-63-0	23.3 mN/m
Mercury	7439-97-6	474 mN/m
Methanol	67-56-1	22.1 mN/m
Water	7732-18-5	72.8

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