

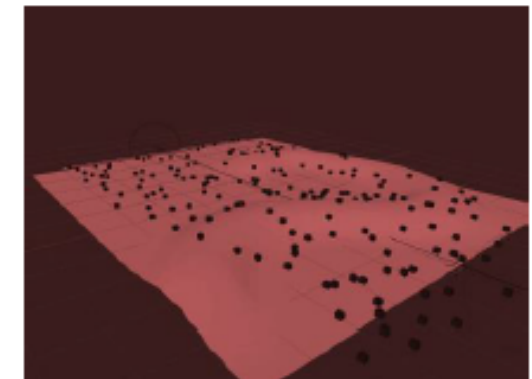
# ► Loctite PC 7337



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## PRODUCT FEATURES

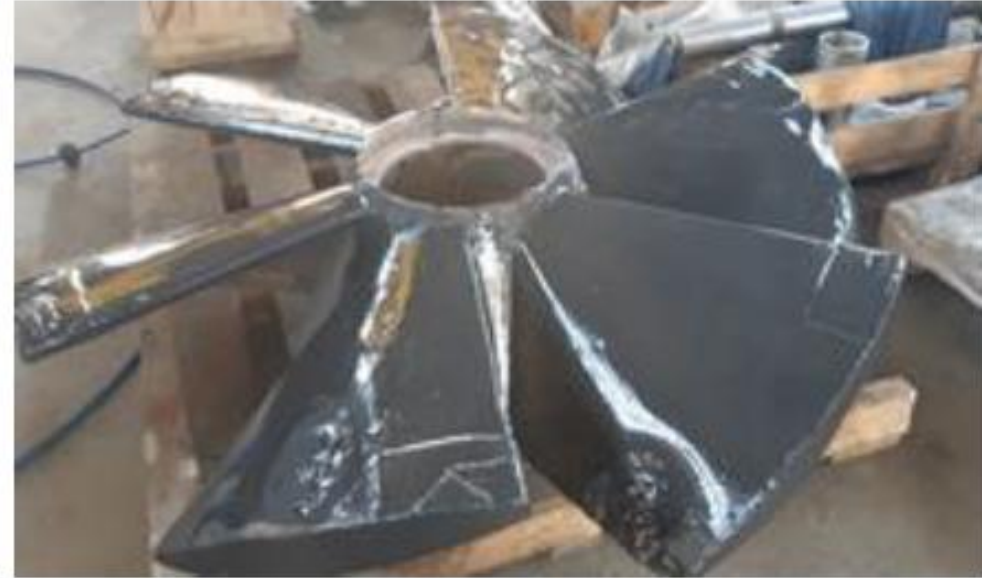
|                              |                                                                                                                                                                                                                                                              |
|------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Technology</b>            | 2K epoxy-silicone based hybrid technology                                                                                                                                                                                                                    |
| <b>Application equipment</b> | Induced draught fan, blower, idler, ducts, chutes, hopper                                                                                                                                                                                                    |
| <b>Description</b>           | <ul style="list-style-type: none"> <li>▪ Black color</li> <li>▪ Brushable / Sprayable coating</li> <li>▪ Single coat system</li> <li>▪ Room temperature cure</li> </ul>                                                                                      |
| <b>Area coverage</b>         | 2.6 m <sup>2</sup> @250-micron thickness/ 1 kg kit                                                                                                                                                                                                           |
| <b>Curing properties</b>     | <ul style="list-style-type: none"> <li>▪ Mixing ratio 100 : 75 (by volume)</li> <li>▪ Pot life- 35 minutes</li> <li>▪ Full cure time- 24 hours</li> </ul>                                                                                                    |
| <b>Features</b>              | <ul style="list-style-type: none"> <li>▪ Hydrophobic</li> <li>▪ Low surface energy</li> <li>▪ Abrasion resistance , fine particle &lt; 1mm</li> <li>▪ Low coefficient of friction</li> <li>▪ Self-leveling</li> <li>▪ Excellent adhesion on metal</li> </ul> |



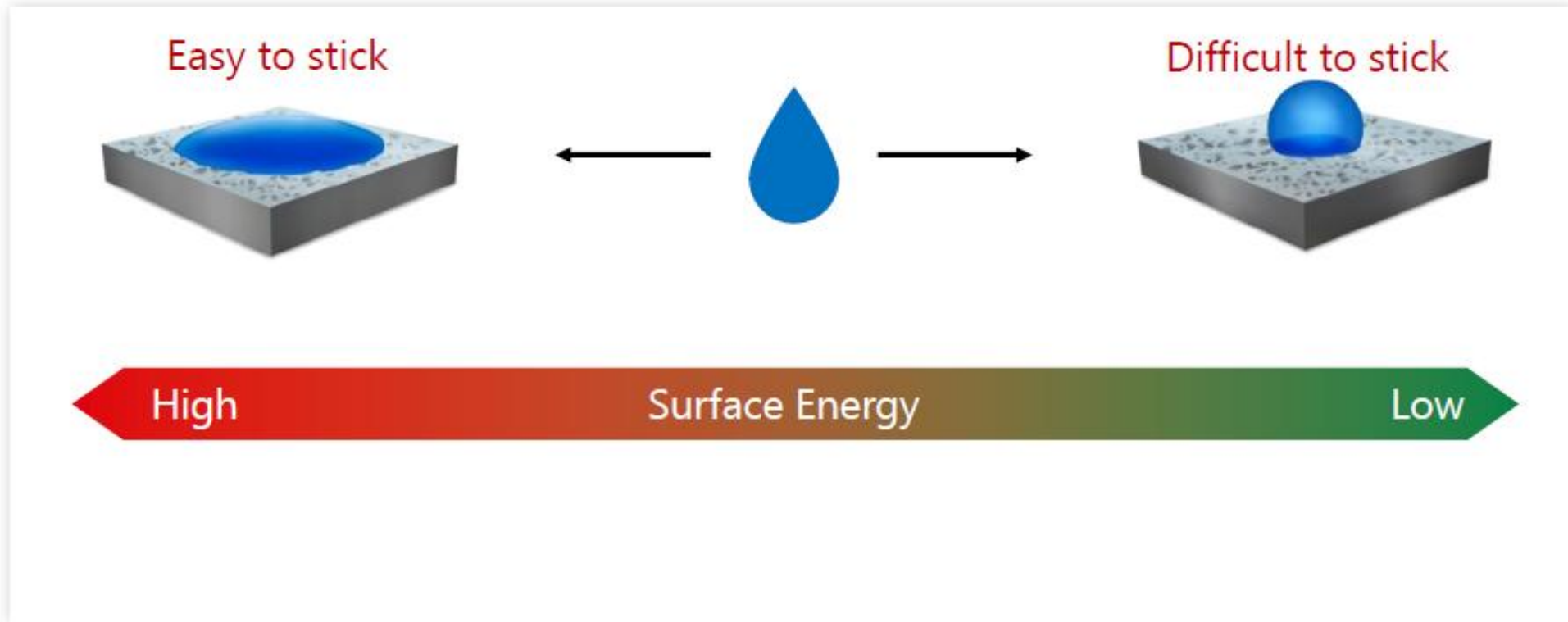
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## PHYSICAL PROPERTIES

| Parameters                                       | Value                |
|--------------------------------------------------|----------------------|
| Mixed viscosity, 23°C<br>Spindle 5, Speed 20 rpm | 11,000 cP            |
| Touch dry time                                   | 3 hrs                |
| Ra, Value                                        | 0.4                  |
| Hardness, ASTM D2240                             | 71 Shore D           |
| Abrasion resistance, ASTM D 4060                 | 9 mg                 |
| Pull-off adhesion, Mild steel, D4541             | 12 N/mm <sup>2</sup> |
| Surface energy value                             | 23 mN/m              |
| Coefficient of friction, ASTM 1894               | 0.12                 |
| Dry service temperature                          | Up to 150 °C         |

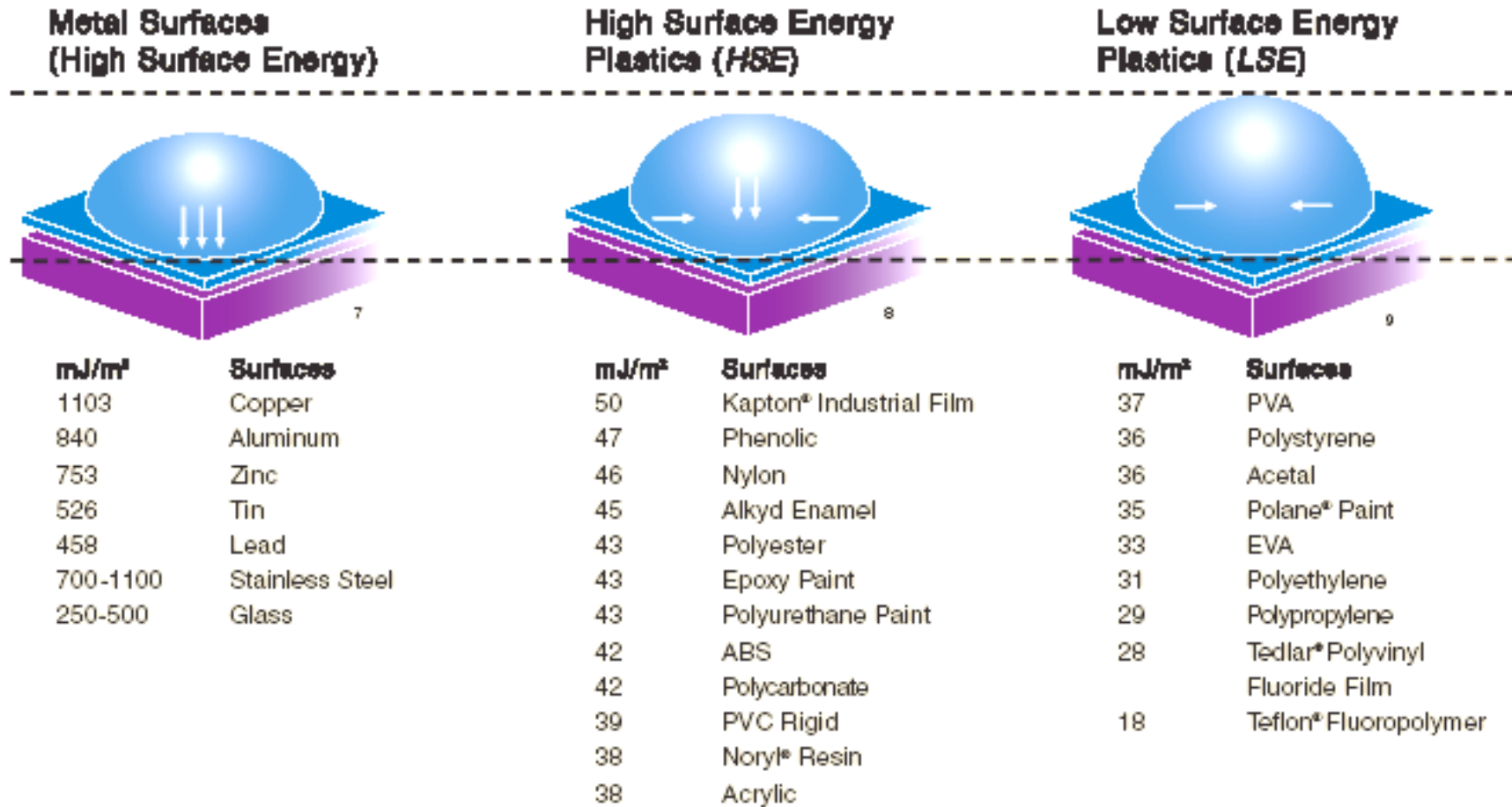


# ► What Is Sticky?

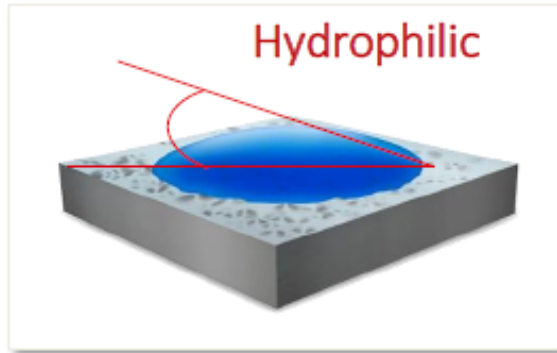




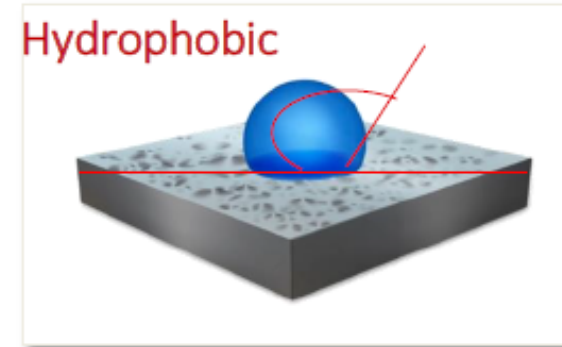
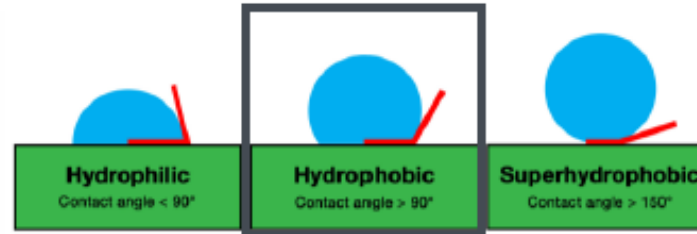
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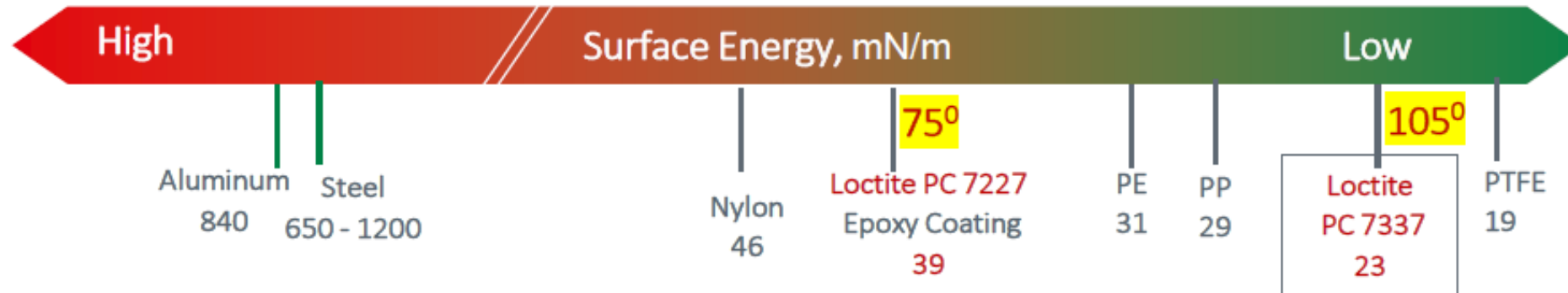
# ► What Is Sticky?



Low Contact Angle



High Contact angle



➤ Low surface energy and high contact angle makes it "Anti-stick"

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## LAB TEST – HYDROPHOBIC TEST



## ▶ LOCTITE PC 7337 ABRASION RESISTANCE



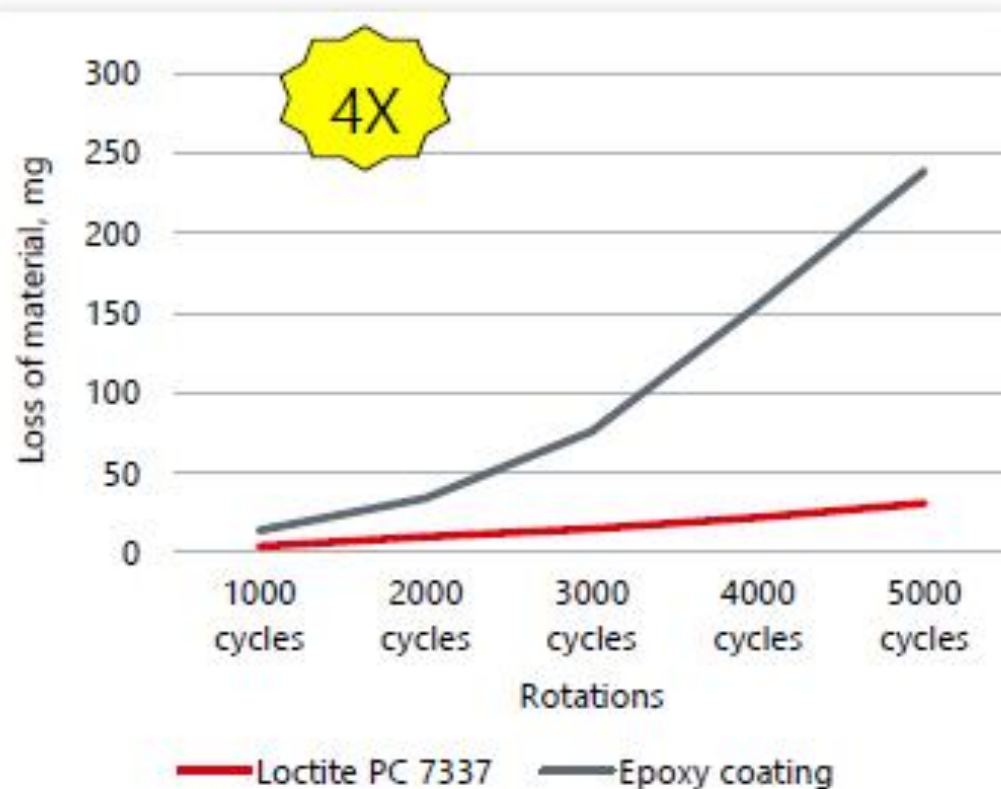
Taber Test  
CS 17 wheels, 1 kg weight



Epoxy Coating



Loctite PC 7337



➤ Loctite PC 7337 4X better durability than ceramic filled epoxy coating  
Fine particle < 1mm



# LOCTITE PC 7337

## BENEFIT TO YOU

| Physical Properties                 | Value                 | Benefits                                                                  |
|-------------------------------------|-----------------------|---------------------------------------------------------------------------|
| Application method                  | Brushable / Sprayable | Easy to Apply                                                             |
| Touch dry time                      | 3 hrs                 | Save down time                                                            |
| Hardness ,ASTM D2240                | 71 Shore D            | 4X better performance than normal epoxy coating                           |
| Abrasion resistance ASTM D 4060     | 6.3 mm <sup>3</sup>   |                                                                           |
| Pull of adhesion, Mild steel, D4541 | 12 N/mm <sup>2</sup>  | Excellent adhesion with power tool cleaning                               |
| Surface energy value ASTM 7334      | 23 mN/m               | Anti-stick for all types of particle dust improve operational performance |
| Coefficient of friction, ASTM 1894  | 0.12                  |                                                                           |
| Dry service temperature             | up to 150 °C          | Suitable to apply wide range of applications                              |