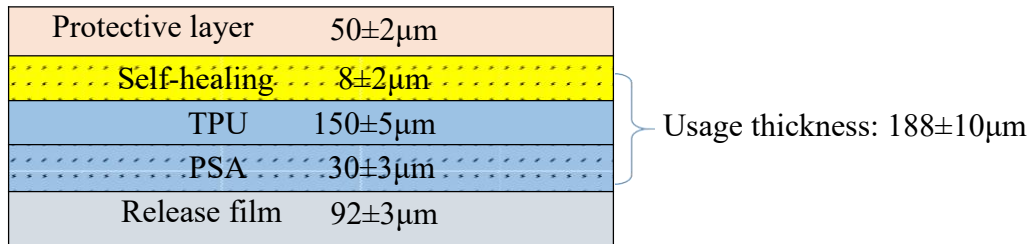


# PPF03-75 Physical properties

**Main features:**

- ※ All-round coverage of car paint, isolation protection is long-lasting and effective
- ※ Prevent car paint scratches and prevent car paint from fading
- ※ Self-repair of corrosion and scratches, improve paint brightness
- ※ Good weather resistance and aging resistance

**Product structure:**



**Physical properties :**

| Index                               | Unit                | Range                          | Test Instrument                          | Testing Method   |
|-------------------------------------|---------------------|--------------------------------|--|--|
| Thickness                           | mil                 | ≥7.5                           | Mitutoyo H0530 Digital Dial Indicator    | GBT/29061  |
| Elastic Modulus                     | Kgf/cm <sup>2</sup> | ≤300                           | Electronic tensile testing machine       | ASTM D-882   |
| Coating breakage Elongation         | %                   | ≥100%                          | Electronic tensile testing machine       | STM D-882  |
| Initial Tack                        | N/in                | 15≤F≤25                        | Tension meter                            | FINAT3   |
| Sticky Force                        | N/in                | 20≤F≤35                        | Tension meter                            | FINAT3   |
| Water Transfer                      | °                   | >70, <90                       | Water drop angle tester                  | GB/T 30693-2014  |
| Anti-fouling Properties             | /                   | Slight residue                 | Chenguang MG-2110 marker pen             | Apply with a marker and wipe with alcohol after drying   |
| Scratch Resistance                  | /                   | no scratches                   | fine copper brush                        | 10 scratches with a fine copper brush with a load of 200g/cm <sup>2</sup>  |
| Repair Performance                  | S                   | ≤5                             | Fine copper brush, hot water, baking gun | Scratch 10 times with a fine copper brush with a load of 200g/cm <sup>2</sup> , Repair with hot water or hot air around 70°C |
| Aging Resistance                    | /                   | ΔE≤2 No cracking or blistering | QUV Aging Tester                         | QUV (0.5W, 40°C, 360nm, 120 min 3200 hours   |
| Anti-aging Oil Cleaning Performance | /                   | 2minutes without fog           | Branded carburetor cleaner               | The product is attached to the car paint cover and sprayed with cleaning agent   |

●Note: The above are only reference values, not guaranteed values.

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