



2K-PU membranetype coating with polybutadiene polyol, pourable elastic, self-leveling, high hardness and high tensile strength 85 Shore A

Polyol polybutadiene
Isocyanate modified diisocyanate-di-phenylmethane

| Guide Formulation PBD 1004/01 of Atofina (now Sartomer) | | V 44415.0 [1] | |
|---|------------------------|---------------|--------|
| Component A | Poly bd R45HTLO | (1) | 100.00 |
| | Novares LA 700 | (2) | 20.00 |
| | 2-ethylhexane-1,3-diol | | 20.00 |
| | No Air flüssig | (3) | 0.20 |
| | UOP T-powder | (4) | 3.00 |
| | Irganox 1076 | (5) | 0.50 |
| | SILLITIN Z 86 | (6) | 75.00 |
| | Printex V | (7) | 1.00 |
| | Dabco T-12N | (8) | 0.01 |
| Component B | Suprasec 2020 | (9) | 54.40 |
| | Total parts by weight | | 274.11 |

Mixing ratio A : B 4 : 1 parts by weight

Recommendation For better dispersibility and mechanical properties SILLITIN Z 86 PURISS is recommended.

Mixing Blend the ingredients of component A by mechanical stirring and degas (warm, if necessary) for 30 min.

Technical Data The sheets were cured for 24 h at 23°C in open molds and post cured for 24 h at 80°C

| | | | |
|---------------------|-------------------|---------|------|
| Hardness | DIN ISO 7619-1 | Shore A | 85 |
| Tensile strength | DIN 53504 | MPa | 9.5 |
| Modulus 100 % | DIN 53504 | MPa | 9.0 |
| Elongation at break | DIN 53504 | % | 165 |
| Tear resistance | ASTM D 624, DIE C | N/mm | 47.3 |



Suppliers

- (1) Sartomer
- (2) Rain Carbon
- (3) Baerlocher
- (4) UOP
- (5) BASF
- (6) HOFFMANN MINERAL
- (7) Orion Engineered Carbons
- (8) Evonik Industries
- (9) Huntsman

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