

2C PUR CASTING COMPOUNDS FOR USE IN MACHINE ELEMENTS WITH FOOD CONTACT



COMPACT HARD

COMPACT ELASTIC

KLEIBERIT 541.0.10 + 870.0

compact hard

Manufacture of filters with self-supporting end caps made from compact and hard curing PUR and casting compound for separate end caps

ADVANTAGES

- good resistance to various media
- rapid, compact hard curing
- flows well
- also suitable as a self-supporting end cap

PASSED TESTS

- (EG) No. 1935/2004
- (EU) No. 10/2011
- FDA 21 CFR § 177.1680

KLEIBERIT 549.1.10 + 545.2.20

compact elastic

Manufacture of air filter end caps and other compact sealing lips, also for dust filter elements in the food industry

ADVANTAGES

- high tear strength
- very good resilience after pressure load

The declarations of no objection, which represent the authoritative paper, apply exclusively to contact with non-acidic, dry and free-flowing, granular or powdery foodstuffs.

| A component | B component | Mixing acc. ppw | Viscosity A [mPas] | Viscosity B [mPas] | Gelling Time (100 g, 20 °C) [s] | Tensile Strength [N/mm ²] | Elongation @ Break [%] | Shore D Hardness |
|-------------|-------------|-----------------|--------------------|--------------------|---------------------------------|---------------------------------------|------------------------|------------------|
| 541.0.10 | 870.0 | 100:25 | 10,000 | 140 | 5-6 min | 29.7 | 8,5 | 80 |
| 549.1.10 | 545.2.20 | 100:44 | 2,780 | 150 | 2-3 min | 5 | 278 | 64 |