

We at UNITEMP hope that you would take this opportunity to contact us.

Let us show you how PEKUTHERM® can purge and clean your thermoplastic machines.

Learn more on our website:



UNITEMP®

ADVANCED CONCEPTS IN THERMOPLASTICS MOLDING

1043 E. JOHN BEERS RD. • ST. JOSEPH, MI 49085

PHONE: (269) 408-0280 • FAX: (269) 408-0281

EMAIL: pekutherm@gmail.com

www.pekutherm.org

"Savings in man hours and machine time (approx. 3 to 3.5 hrs.) - \$1,080 to \$1,254 per color change" - East Coast Molder

Notes:

"Easy to handle, precisely measurable results, clearly visible purging effect."
- Tier 1 Molder, Germany

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PEKUTHERM®

Black PC to **Clear** PC
in **5** mins

... "I've been in the business, my family's business, for 25 years. My father and I have tried everything. But I've never come across anything that does the job as well as this." - Midwest Molder

****See inside for the actual field case.*



THE
THERMO-ELASTIC
PURGE

PEKUTHERM®

*** continued from front cover:

- Type of Machine: **Arburg 40 Ton (2.3 oz.)**
PekuTherm® Formulation: "HLT"
Outgoing Material: **PC "Black"**
Incoming Material: **PC "Clear"**
Temperature: **500° F**
Amount of PekuTherm®: **2 plugs @ 1 oz.**
Amount of Contaminated Material: **8 oz.**
Total Purge Time - Black to Clear: **5 mins**

Why PEKUTHERM® is different:

- Large working range (**300° - 752° F**).
- Very short purge time needed. Can usually be into "sellable" parts in under 15 minutes.
- Compatible with all thermoplastic materials within the large working range.
- Does not wear on screw or barrel.
- No chemical reactions
- Soft-scouring self adhering plug.
- No soaking time needed.
- Loosens and removes carbon and gas residues.
- No acrylic residues left, works on clear materials.
- No contaminating carrier resin. Needs no premixing. (*T12 does use a carrier resin)

What PEKUTHERM® has proven:

- Flexible compound (Large working range and various granulation sizes).
- Minimal purge and clearing time.
- No need to run excess incoming material to check purge purity levels because **PEKUTHERM®** shows you whether the machine is clean or not.
- **32 years** of proven success in the North American market.
- **36 years** of proven success in the European market.

PEKUTHERM® Formulations:

- PekuTherm **HLT** - Wide temperature range formula for all Injection presses.
- PekuTherm **N** - Course granulate for Injection presses of 150 tons and greater
- PekuTherm **SM** - Medium granulate for Injection presses of 80 tons - 150 tons
- PekuTherm **SK** - Fine granulate for Injection presses of 80 tons and less.
- PekuTherm **EX** - Extrusion Formula
- PekuTherm **T12** - Hot Runner Formula

Case Results:

- Type of Machine: **Van Dorn 150 Ton (8 oz.)**
PekuTherm® Formulation: "**N**"
Outgoing Material: **sp21 Nylon Orange**
Incoming Material: **R543 Nylon (43% GF) Blue**
Temperature: **500° F**
Amount of PEKUTHERM "N": **2 plugs @ 5 oz.**
Amount of Contaminated Material: **32 oz.**
Total Purge Time - Black to Clear: **7 mins**
- Type of Machine: **Newberry 100 Ton (5 oz.)**
PekuTherm® Formulation: "**SM**"
Outgoing Material: **Rynite (30% GF) Brown**
Incoming Material: **Rynite Natural**
Temperature: **555° F**
Amount of PEKUTHERM "SM": **2 plugs @ 2.5 oz.**
Amount of Contaminated Material: **8 oz.**
Total Purge Time - Black to Clear: **8 mins**
- Type of Machine: **Arburg 40 Ton (1 oz.)**
PekuTherm® Formulation: "**SK**"
Outgoing Material: **DuPont Minion (35%) Black**
Incoming Material: **DuPont Minion (35%) Natural**
Temperature: **565° F**
Amount of PEKUTHERM "SK": **2 plugs @ 1 oz.**
Amount of Contaminated Material: **12 oz.**
Total Purge Time - Black to Clear: **7 mins**
- Type of Machine: **Cincinnati 850 Ton (232 oz.)**
Total Part Weight: **8.7 lbs.**
Hot Runner: **Incoe direct gate 4 drop manifold**
PekuTherm® Formulation: "**T12**"
Outgoing Material: **ABS Bright Red**
Incoming Material: **ABS Bright Yellow**
Temperature: **440° F**
Amount of PEKUTHERM "T12": **2 plugs @ 160 oz.**
Total Purge Time - Black to Clear: **15 mins**