

active heating/cooling

APPLICATIONS

When there is a need of

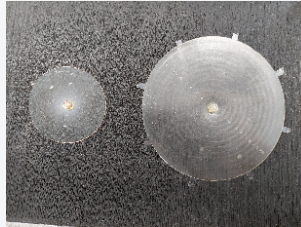
- high gloss
- matt/gloss combination
- getting rid of the paint
- remove weld line (surface aspect)
- remove sink marks
- complex texture replication

but also to reduce

- the injection molding pressure (very thin parts or large/thin parts)
- the residual stresses (amorphous grades)
- air traps (due to flow leaders, for some designs)
- the cycle time (potentially)
- the warpage by applying a controlled differential cooling

THEORY, KNOWLEDGE, & MODELS

Reduction of injection molding pressure - PPSU/PEEK (2024)



Presentation by Roctool at Moldflow Usergroup (2023)

General presentation of Roctool (2024)

CAPABILITIES (internal/external)

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