



Checklist: Application Areas 2 / 3 / 5 / 11

For the determination of the suitable thermal insulating material of customized applications

Application/Parameter	Conditions	Mark with (X)	Notes
Application	Mould model • Injection moulding die • Compression mould • Die casting mould • Blow mould • Extrusion die • Pinch-off mould Place of insallation • Clamping area • Hot runner • Outer surface • Disconnection between heated and cooled plane (cold runner) • Others	☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐	
Converted product	• Thermoplastic • Thermosetting plastic • SMC • Rubber • LSR • Metal • Others	☐ ☐ ☐ ☐ ☐ ☐ ☐	
Factors of production	• Multi-shift operation • Cyclic loading	☐ ☐	
Max. compressive load (N/mm ²)			
Max. number of stress cycles p. a.			
Application temperature (°C)	• Heating • Heating and cooling	☐ ☐	
Max. temperature (°C)			
Heating method	• Steam • Water • Thermal oil • Electrical	☐ ☐ ☐ ☐	
Desired temperature on cold side (°C)			
Chemical influence of: Kindly indicate method, amount and operating conditions	• Acids • Lye solutions • Steam • Release agent • Solvents • Oil	☐ ☐ ☐ ☐ ☐ ☐	
Previous insulation			
Please indicate 1) desired fixing method (screws, holdings etc.) 2) State of heating plate and contact surface (new, old, overworked, corrosion damage/pits etc.)			