STAGE 1: MOLD FUNCTION QUALIFICATION & PART COSMETICS QUALIFICATION

6 STEP STUDY (Scientific Molding)

1 - VISCOSITY STUDY

2 - CAVITY BALANCE

3 - PRESSURE DROP

4 - PROCESS WINDOW

5 - GATE SEAL STUDY

6 - COOLING STUDY

SELECT DOE PARAMETERS

PERFORM DOE

SELECT PROCESS

RUN PROCESS

ADJUST MOLD STEEL

DETERMINE DPW

RUN SHORT PRODUCTION RUN TO EVALUATE THE MOLDING PROCESS AND MOLDING PROCESS CAPABILITY

Please note: this flow chart has been developed by FimmTech and is only a recommended procedure. The users should use their own discretion and judgment in following the procedure especially keeping safety in mind. The user is solely responsible for all consequences.