

EXPANDING THE ROTOMOLDING PORTFOLIO

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RECONNECT

TOWN HALL SESSION TO GATHER MOLDER INPUT ON “ATTRIBUTES REQUIRED TO PRODUCE YOUR NEXT GENERATION OF PRODUCTS MADE BY ROTOMOLDING”

GATHER ATTRIBUTE INFORMATION AND INITIAL ESTIMATE OF MARKET POTENTIAL

EDUCATION COMMITTEE TO ANALYZE SESSION OUTPUT AND PROVIDE MORE DETAILED REPORT

RECONNECT

- SUPPLIERS AND EDUCATION COMMITTEE TO COMMUNICATE EXISTING MATERIAL OPTIONS POSSESSING CERTAIN ATTRIBUTES.
- SUPPLIERS CONSIDER INCORPORATING SESSION FEEDBACK INTO THEIR PRODUCT DEVELOPMENT EFFORTS.
- ONGOING DIALOGUE BETWEEN MOLDERS, SUPPLIERS, AND EDUCATION COMMITTEE.

SESSION OUTPUT

- GOOD FLOW/FILL IN TIGHT TOLERANCES. BREAK BARRIERS OF EXISTING ROTOMOLDING RADIUS/KISS OFF GUIDELINES AND ALLOWS MOLDING OF SHARP CORNERS
- STEP CHANGE IMPROVEMENT IN DIMENSIONAL STABILITY (FIT, TEMPERATURE VERSUS CURRENT PE)
- STEP CHANGE IMPROVEMENT IN FLAMMABILITY WITH NO LOSS OF PROPERTIES
- CLARITY WITH MORE ROBUST MOLDABILITY TO POLYCARBONATE

SESSION OUTPUT

- EDUCATION ON MATERIAL OPTIONS THAT ARE CURRENTLY ROTOMOLDABLE
- PROPERTIES OF ABS, BUT NOT ABS BASED
- STEP CHANGE IMPROVEMENT IN STIFFNESS (200 KPSI) AND HARDNESS (ROCKWELL 100)
- HIGH FLOW (LIQUID) OPTION POTENTIALLY OFFERING PAINTABILITY AND SCRATCH RESISTANCE WITH EXISTING PE PROPERTIES
- CROSSLINKABLE PE PROPERTIES WITH STEP CHANGE IMPROVEMENT IN USE TEMPERATURE (PP BASED)

SESSION OUTPUT

- ALTERNATIVE TO PVC WITH LIKE PROPERTIES THAT ARE NON-CORROSIVE, FLEXIBLE AND CLEAR
- ALTERNATIVE PHYSICAL FORMS (LIQUIDS)
- FASTER CURING/STEP CHANGE IMPROVEMENT IN CYCLE TIME (1/3 OF EXISTING COOK TIMES)
- STEP CHANGE IMPROVEMENT IN USE TEMPERATURE RESISTANCE
- ABILITY TO INCORPORATE RECYCLE

SESSION OUTPUT

- STEP CHANGE IMPROVEMENT IN PERMEATION RESISTANCE TO MEET 2017 PERMEATION REQUIREMENTS
- STEP CHANGE IMPROVEMENT IN STIFFNESS/DIMENSIONAL OF PARTS SO AS TO BE STRUCTURAL COMPONENTS (LONG STRAND FIBERGLASS REINFORCED)
- TIGHT TOLERANCE RESINS LIKE DUPONT HYTREL – REFRESHER ON ITS APPLICATIONS
- PROPERTIES OF ABS, BUT NOT ABS BASED

SESSION OUTPUT

- MULTILAYER ROTOMOLDING OPTIONS (PU/PE/LIQUID)
- FUSABLE/GLUEABLE/REPAIRABLE OPTIONS FOR PARTS WITH LONG TERM PERFORMANCE
- ALTERNATE SOLUTIONS FOR FUEL TANKS

SUMMARY

- ON BEHALF OF THE EDUCATION COMMITTEE, THANK YOU FOR YOUR PARTICIPATION IN THIS TOWN HALL SESSION
- FOCUS GROUP TO REVIEW SESSION OUTPUT AND ESTIMATE MARKET POTENTIAL
- EDUCATION COMMITTEE TO ANALYZE SESSION OUTPUT AND PROVIDE MORE DETAILED REPORT
- INCORPORATE EDUCATION ON EXISTING OPTIONS INTO “WHAT’S AVAILABLE” PRESENTATIONS