



TECHNOMELT[®] DM 5633

VOC free versatile pressure sensitive adhesive (PSA) providing adhesion to wide variety of substrates including GFPP, TFPP, PC/ABS, ABS, PU, and metal without need for pretreatment. Successfully used for carpet and acoustical pads bonding.

1 CUSTOMER CHALLENGES

- High maintenance/equipment cost for ventilation and adhesive dispensing
- Need for an adhesive that will bond both high and low surface energy plastics without pretreatment
- Decrease VOC levels in vehicle components and improve health and safety condition on production floor

2 HENKEL SOLUTIONS

- TECHNOMELT[®] DM 5633 is a low-viscosity, pressure-sensitive hotmelt adhesive that meets OEM VOC requirements. Aggressive tack, high green strength and good temperature stability allows suppliers to use non-reactive hotmelts for application that historically required PURs. Multiple substrate bonding - one adhesive for many applications permits design flexibility. TECHNOMELT[®] DM 5633 does not require plasma or flame treatment prior to bonding to polypropylene, which is a limitation for polyurethane adhesives. The combination of high performance and low cost makes TECHNOMELT[®] DM 5633 an attractive solution for many automotive applications.

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Cure-on-demand in 5 seconds



Long open time of < 4 hours under industrial light



Supports production of > 100,000 EVs annually per production line



3 CUSTOMER BENEFITS

COST REDUCTION



- Excellent price/performance balance
- Unlimited reactivation window means less scrap
- Low cost application equipment

PROCESS EFFICIENCY



- Elimination of flame treatment
- One adhesive for various substrates
- High green strength allows for immediate handling of bonded parts

SUSTAINABILITY



- No isocyanate emission
- Meets OEMs' VOC and fogging targets
- No hazardous label



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