KLJ GROUP
SINCE 1967

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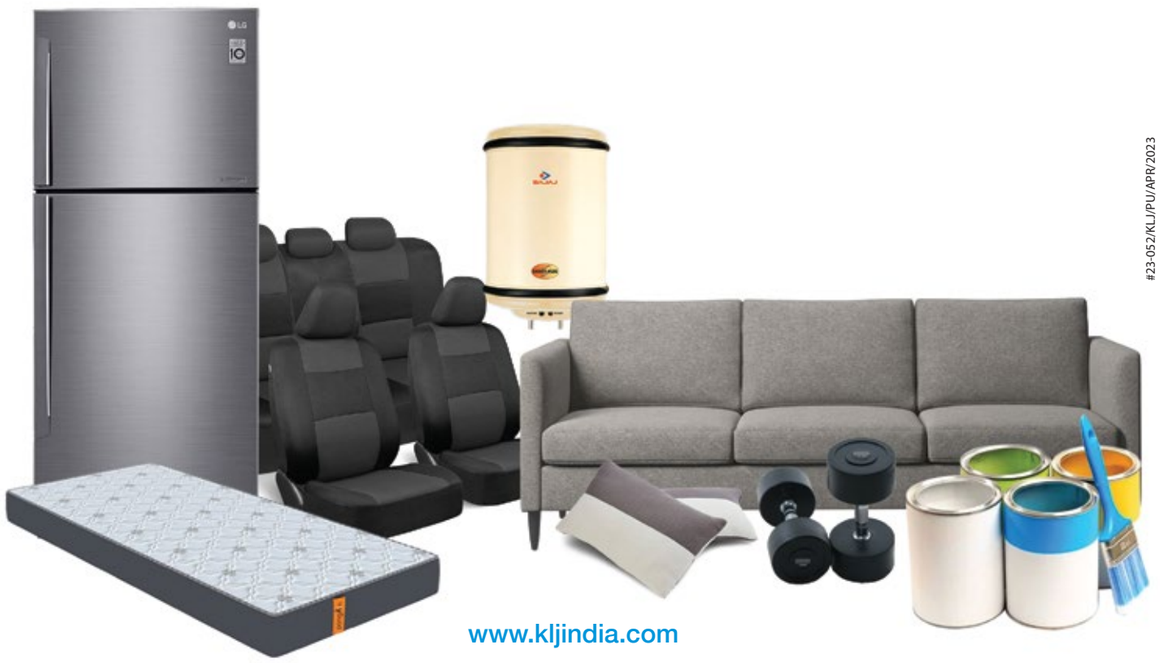

#23-052/KLJ/PU/APR/2023

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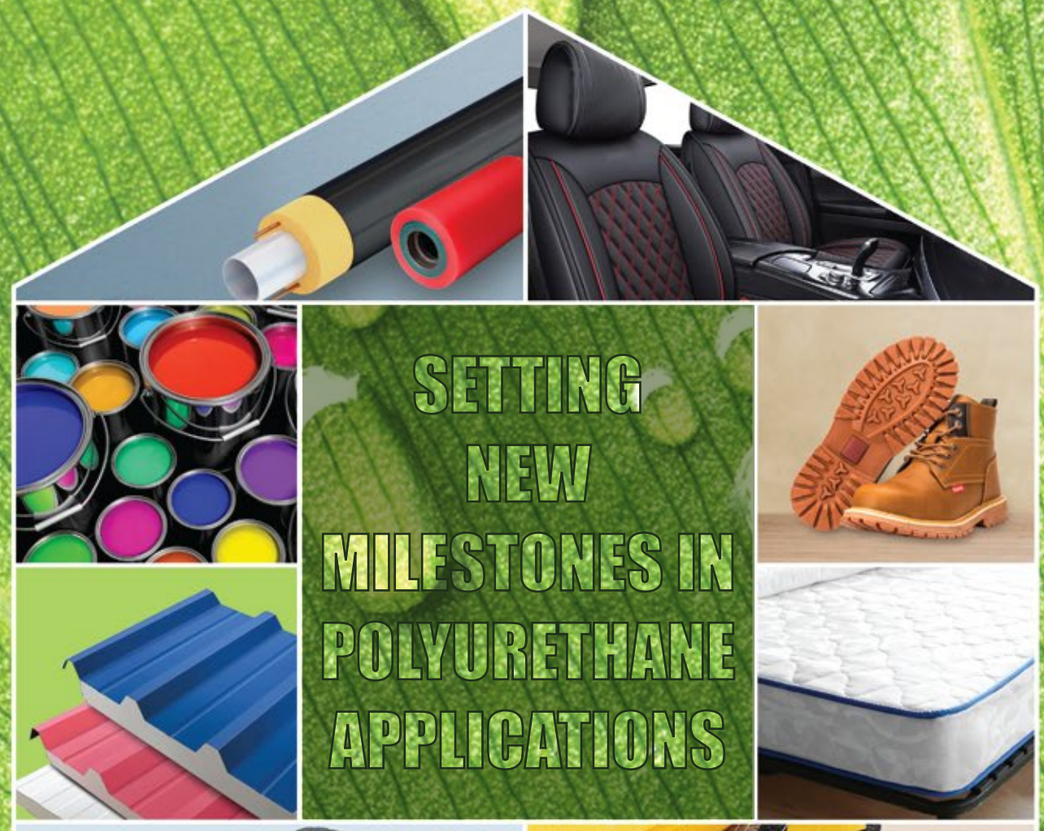
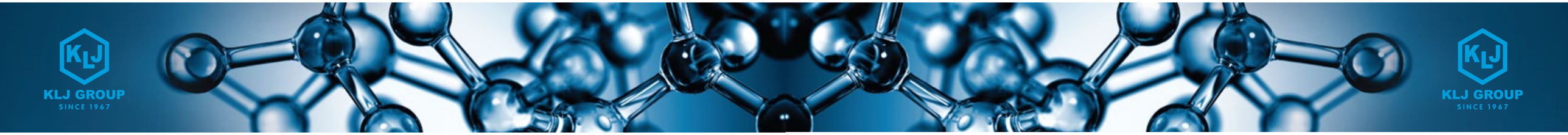


SETTING NEW MILESTONES IN POLYURETHANE APPLICATIONS

... sustaining life with natural footprints

SOLUTION FOR POLYURETHANE APPLICATIONS



KLJ (SABIC® POLYOLS PORTFOLIO)

KLJ (SABIC Grade)	Hydroxyl Number (mg KOH/gm)*	Molecular Weight	Typical Properties/Applications
POLYOL 0434	32.3-35.6	5000	High Resilience (HR) Flexible Moulded Foams, Semi-Flexible Moulded Foam, NVH (Noise, Vibration, Harshness) Molding , Formulating (systems) and Specialty Foams for Interior Trim and Seating
POLYOL 0548	46-50	3500	General purpose Polyols, Flexible Slabstock Foams ranging from Low to High Density
POLYOL 0656	54.5-58.5	3000	General purpose Polyols, Flexible Slabstock Foams Ranging from Low to High Density
POLYOL 1127	27-29	6000	High Reactivity, High Resilience Flexible Moulded Foams with TDI, TDV PMDI Blends or MDI, Semi-rigid Integral Skins and Cold Cure MDI foams

KLJ (SABIC® ISOCYANATES PORTFOLIO)

KLJ (SABIC Grade)	Isocyanate (NCO) Content (% weight)*	Viscosity (mPa.s)	Typical Applications
MDI 2031	30.4-32	160-240	Polymeric MDI suitable for the production of Rigid Polyurethane foam
TDI 0380	48.2	3	Well suited for use in Automotive Seating, Furniture Applications, Mattress Cushioning, Specialty Foams, Coatings, Adhesive, Sealants and Prepolymers

KLJ (SABIC® PG PORTFOLIO)

KLJ (SABIC Grade)	Product Name	Applications
SABIC® PGI	Propylene Glycol Industrial Grade	SABIC®PG is intend for use as a raw material in the production of Saturated and Unsaturated Polyester Resins. It may also be employed as a Mining Chemical, Cement-Grinding Additive, Initiator in the Synthesis of Polyether Polyols and other Industrial applications
SABIC® DPG	Dipropylene Glycol Regular Grade	A solvent coupling agent and chemical intermediate used: • For making Dipropylene Glycol Dibenzoate for Plasticizers, and in making Dipropylene Glycol Diacrylate for Radiation Cured Resin formulations • As a reactant in Unsaturated Polyester Resins to add flexibility and hydrolytic stability to the Finished Resin • An initiator for Urethane Polyol Synthesis using Epoxides, and for the Polyol in Rigid Polyurethane Foams • In Brake Fluid Formulations, Cuttings Oils, Textile Lubricants, Printing Inks, Coatings, Industrial Soaps

APPLICATIONS

Industry	Applications
Automotive	Car Seats, Bumpers, Headliner and Steering Wheel
Appliance and Construction	Thermal Insulation
Footwear	PU Sole
Packaging	Electronic, Medical Equipment and Glassware Packaging
Flooring	PU Flooring
Furnishings	Mattress, Cushions, Sofa and Carpet Underlay

TOTAL SOLUTION FOR POLYURETHANE APPLICATIONS