KLJ Group

KLJ POLYMERS & CHEMICALS LTD.

Kster PBT 0230 NA02

30% glass reinforced PBT Compound

Product Description:-

Kster PBT 0230 NA02 is a natural colour 30% glass reinforced PBT compound for injection molding applications. It combines good mechanical properties with excellent flow properties. It is recommended for various applications like motor cooling fan, connectors, bobbins, switches, terminal blocks etc. It is available in different colours.

It is designed to provide:

- *Excellent process ability*
- *Good Heat Resistance*
- *Excellent dimensional stability*
- *Excellent Chemical resistance*

Specification:-

Physical	Test Method	Unit	Specification
Specific Gravity	*ASTM D 792*	*-*	*1.53±0.02*
Melt Flow Index (250°C, 2.16Kg)	*ASTM D 1238*	*gm/10min*	*15 min.*
Mechanical			
Tensile Strength	*ASTM D 638*	*kgf/cm2*	*1400 to 1550*
Notched Izod Impact Strength	*ASTM D-256*	*kg cm/cm*	*9 to 11*
Flexural Modulus	*ASTM D-790*	*MPa*	*9200 to 10500*
Thermal			
H.D.T @ 1.8 MPa	*ASTM D-648*	*°C*	*≥ 220*
Ball Pressure Test (125°C)	*IEC 60695-10-2*		*Pass*

Flammability			
Glow Wire Ignition Temperature	*IEC 60695-2-13*	*750°C*	*Pass*

Molding Guidelines:

General Processing Conditions for: *Injection molding*

Recommended for Pre drying at 120°C for 3-4hrs.

Molding Temperatures:

Feed Zone Temperature: 225°C - 240°C

Middle Zone Temperature: 230°C - 250°C

Nozzle Zone Temperature: 240°C - 270°C

Mold Temperature: 65°C - 90°C

Remark: The above temperatures should be considered only as guidelines and will vary with individual processes.

Storage Recommendation:-

Bags should be stored in dry place in sealed condition.

Packing:-

Kster *granules are packed in 25 kg bags.*

Safety:-

Kster *is not classified as dangerous preparation.*

Disclaimer:-

- *The specifications given are the guidelines only.*
- *Above compound is suitable to run on different machines; however some adjustments may be required on individual machine.*
- *All properties are tested as per ASTM standards.*
- *Any data may change without prior information.*
- *The customers are advised to check the quality, prior to commercial use. There is no guarantee and/or warrantee what so ever, after processing.*