KLJ POLYMERS PRIVATE LTD.

Kster PBT 0730 BK19

Higher CTI PBT PET blend 30% glass fiber reinforced FR compound

Product Description:-

Kster PBT 0730 BK19 is a black color PBT PET blend glass reinforced FR compound with higher CTI for injection molding applications. It combines good mechanical properties with excellent FR properties. It is recommended for various applications like electric panel cooling fan, connectors, bobbins, switches, terminal blocks etc.

It is designed to provide:

- *Excellent process ability*
- *Good Surface finish & gloss*
- *Excellent flame resistance*
- *Excellent Stiffness*

Specification:-

Physical	***Test Method***	***Unit***	***Specification***
Specific Gravity	*ASTM D 792*	*-*	*1.58±0.02*
Melt Flow Index (250°C, 2.16Kg)	*ASTM D 1238*	*gm/10min*	*7min*
Mechanical			
Tensile Strength	*ASTM D 638*	*kg/cm2*	*≥1350*
Notched Izod Impact Strength	*ASTM D-256*	*kg cm/cm*	*≥ 8*
Thermal			
H.D.T @ 0.46MPa	*ASTM D-648*	*°C*	*≥ 220*
Ball Pressure Test (200°C/3mm)	*IEC 60695-10-2*		*Pass*

Flammability			
Flame Rating@ 0.8mm	*UL 94*	*V0*	*Pass*
Glow Wire Flammability Index	*IEC 60695-2-12*	*960°C*	*Pass*
Electrical			
Comparative Tracking Index	*IEC 60112*	*Volts*	*400*

Molding Guidelines:

General Processing Conditions for: *Injection molding*

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

Molding Temperatures:

Feed Zone Temperature: 235°C - 245°C
Middle Zone Temperature: 240°C - 250°C
Nozzle Zone Temperature: 250°C - 260°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.*