

TECHNICAL DATA SHEET

KEPSTAN® 8010C40

KEPSTAN® 8010C40 is carbon fibre reinforced compound, based on the 8000 series of KEPSTAN® resins.

KEPSTAN® is a high performance thermoplastic material, based on PolyEtherKetoneKetone (PEKK) highly stable chemical backbone. Its semi crystalline structure in solid state offers an outstanding combination of mechanical and thermal strength together with chemical and fire resistance.

KEPSTAN® 8010C40 is carbon fibre reinforced compound, based on the 8000 series of KEPSTAN® resins. This grade offers the highest glass transition temperature and the highest crystallization rate, leading to very high strength and stiffness.

KEPSTAN® 8010C40 is low flow grades, suitable for extrusion, compression and injection moulding.

KEPSTAN® 8010C40 is available in pellet form, and standard packaging is 20 kg boxes.

PRODUCT PERFORMANCE

SUGGESTED APPLICATIONS

SHELF LIFE

Store in the original, closed container in a dry, cool (<45°C) and well-ventilated place. Keep away from frost and heat (open flames, hot surfaces and sources of ignition) sources. Typical shelf-life is months from delivery date for unopened containers. In cases where product sampling is required to carry out incoming quality tests, shelf-life should be maintained beyond opening, provided that it is tightly closed immediately after and that contamination with foreign bodies is avoided.

Inhibitors have been added to enhance storage stability. They require the presence of air in the container in order to improve their efficiency. Keep stabilizer levels constant to avoid explosive polymerization. An air space is required above the liquid in all containers

STORAGE

See SDS for Storage Considerations

HEALTH AND SAFETY

See SDS for Health & Safety Considerations

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