LANXESS
Energizing Chemistry

Data sheet

Pocan KU2-7003 000000 POS042

PBT, non-reinforced, injection molding

ISO / **ASTM**

ISO Shortname: ISO 20028-PBT,,GHR,09-030

Property	Test Condition	Unit	Standard	guide value
Mechanical properties (23 °C/50 % r. h.)				
Tensile modulus		lb/in²	ASTM D 638	395000
Tensile elongation at break		%	ASTM D 638	38
Tensile stress at break		lb/in²	ASTM D 638	7000
Flexural modulus		lb/in²	ASTM D 790	345000
Flexural strength		lb/in²	ASTM D 790	13000

Disclaimer

Disclaimer for commercial products

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Test values

Unless specified to the contrary, the values given have been established on standardized test specimens at room temperature. The figures should be regarded as guide values only and not as binding minimum values. Kindly note that, under certain conditions, the properties can be affected to a considerable extent by the design of the mould/die, the processing conditions and the coloring.

Processing note

Under the recommended processing conditions small quantities of decomposition product may be given off during processing. To preclude any risk to the health and well-being of the machine operatives, tolerance limits for the work environment must be ensured by the provision of efficient exhaust ventilation and fresh air at the workplace in accordance with the Safety Data Sheet. In order to prevent the partial decomposition of the polymer and the generation of volatile decomposition products, the prescribed processing temperatures should not be substantially exceeded. Since excessively high temperatures are generally the result of operator error or defects in the heating system, special care and controls are essential in these areas.

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