

ALCOM TPU 810/4073 AR10

(Last update: 20.09.2022)

MOCOM

Base Polymer	Polyurethane, Estertype
Filler/Additive System	10 % aramid powder
Special Features	improved sliding / wear
Market Segment	Automotive, Machinery
Typical Applications	bearings and sliding elements

Pre-Drying Conditions	in a dry air (dessiccant) dryer 60-110 °C for 1-3 h in an air circulating dryer 60-110 °C for 1-3 h dependant on moisture content max. moisture content <0,05 %
Processing Injection Moulding	melt temperature 190-245 °C mould temperature 20-50 °C
Storage	dry, protected from light

Properties	Value	Dimension	Test Norm
Mechanical Properties			
Shore Hardness A (15s)	87	-	ISO 868
Shore Hardness D (15s)	32	-	ISO 868
Physical Properties			
Density	1210	kg/m ³	ISO 1183

Liability Exclusion

These are guide values and not a specification. The test values mentioned are representative values only and not binding minimum or maximum figures. These test values have been determined on standardised test specimens and can be affected by pigmentation, mould design and processing conditions.

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- risk class III applications according to EU directive 93/42/EEC
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Technical Data Sheet



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- any critical component in any medical device that supports or sustains human life.

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