

# ALCOM® TPU 810/4073 AR10

Thermoplastic Polyurethane Elastomer

ALBIS PLASTIC GmbH

## Message:

ALCOM® TPU 810/4073 AR10 is a Thermoplastic Polyurethane Elastomer product filled with 10% aramid powder. It can be processed by injection molding and is available in Asia Pacific, Europe, or North America. Applications of ALCOM® TPU 810/4073 AR10 include engineering/industrial parts and automotive.

Characteristics include:

REACH Compliant

RoHS Compliant

Wear Resistant

General Information			
Filler / Reinforcement	Aramid Powder,10% Filler by Weight		
Features	Good Wear Resistance		
	Low Friction		
	Noise Damping		
Uses	Automotive Applications		
	Bearings		
	Machine/Mechanical Parts		
Agency Ratings	EC 1907/2006 (REACH)		
RoHS Compliance	RoHS Compliant		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.21	g/cm <sup>3</sup>	ISO 1183
Hardness	Nominal Value	Unit	Test Method
Shore Hardness			DIN 53505
Shore A	87		
Shore D	32		
Injection	Nominal Value	Unit	
Drying Temperature			
Circulation Dryer	60.0 to 110	°C	
Desiccant Dryer	60.0 to 110	°C	
Drying Time			
Circulation Dryer	1.0 to 3.0	hr	
Desiccant Dryer	1.0 to 3.0	hr	
Suggested Max Moisture	0.050	%	
Processing (Melt) Temp	190 to 245	°C	
Mold Temperature	20.0 to 50.0	°C	

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