

ALCOM® PC + ABS 750/8 PTFE5 UV

Polycarbonate + ABS

ALBIS PLASTIC GmbH

Message:

ALCOM® PC + ABS 750/8 PTFE5 UV is a Polycarbonate + ABS (PC+ABS) product. It is available in Asia Pacific, Europe, or North America. Applications of ALCOM® PC + ABS 750/8 PTFE5 UV include automotive and housings.

Characteristics include:

REACH Compliant

RoHS Compliant

Lubricated

UV Stabilized

Wear Resistant

General Information			
Additive	PTFE Lubricant (5%)		
	UV Stabilizer		
Features	Good Wear Resistance		
Uses	Automotive Applications		
	Housings		
Agency Ratings	EC 1907/2006 (REACH)		
RoHS Compliance	RoHS Compliant		
Physical	Nominal Value	Unit	Test Method
Density	1.20	g/cm ³	ISO 1183
Melt Volume-Flow Rate (MVR) (260°C/5.0 kg)	18.0	cm ³ /10min	ISO 1133
Hardness	Nominal Value	Unit	Test Method
Ball Indentation Hardness (H 358/30)	100	MPa	ISO 2039-1
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2200	MPa	ISO 527-2
Tensile Stress (Break)	45.0	MPa	ISO 527-2
Tensile Strain (Break)	55	%	ISO 527-2
Flexural Modulus	2200	MPa	ISO 178
Flexural Stress	75.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	40	kJ/m ²	ISO 179/1eA
Charpy Unnotched Impact Strength	No Break		ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	110	°C	ISO 75-2/A
Vicat Softening Temperature	126	°C	ISO 306/B50
Injection	Nominal Value	Unit	

Drying Temperature		
Circulation Dryer	100 to 110	°C
Desiccant Dryer	100 to 110	°C
Drying Time		
Circulation Dryer	4.0 to 8.0	hr
Desiccant Dryer	2.0 to 4.0	hr
Processing (Melt) Temp	220 to 280	°C
Mold Temperature	70.0 to 100	°C

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