

TEKALOY™ S630XA

Polycarbonate + PBT

Mando Advanced Materials Co., Ltd.

Message:

TEKALOY™ S630XA is a Polycarbonate + PBT (PC+PBT) product. It is available in Asia Pacific.

Characteristics include:

Flame Rated

Good Weather Resistance

Impact Modified

General Information			
Additive	Impact Modifier		
Features	Good Weather Resistance		
	Impact Modified		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.20	g/cm ³	ASTM D792
Molding Shrinkage ¹			ASTM D955
Flow	0.80	%	
Across Flow	1.0	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	55.9	MPa	ASTM D638
Tensile Elongation (Break)	150	%	ASTM D638
Flexural Modulus	2010	MPa	ASTM D790
Flexural Strength	73.5	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256
--	780	J/m	
-30°C	640	J/m	
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed	103	°C	
1.8 MPa, Unannealed	95.0	°C	
Peak Melting Temperature	250	°C	ASTM D2133
Flammability	Nominal Value		Test Method
Flame Rating	HB		UL 94
Injection	Nominal Value	Unit	
Processing (Melt) Temp	260 to 280	°C	
Mold Temperature	60.0 to 80.0	°C	
NOTE			
1.	60°C Mold Temperature		

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Recommended distributors for this material

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