

SILVER® SA-3171

Thermoplastic Elastomer

Guangdong Silver Age Sci & Tech. Co., Ltd

Message:

SILVER® SA—3000 elastomer is designed to over-mold and co-extrude with rigid engineering resins (such as PP, ABS, PC, PA and so on) to provide a soft touch grip feature without the use of adhesives or additional assembly steps. The over-molding products are of good handle, antislip, high impact strength and coloration.

SA—3000 Elastomer (over-molding and co-extruding grade)

Characteristics:

over-mold and co-extrude with rigid engineering resins (such as PP, ABS, PC, PA and so on)

Applications:

tool handle and coat, luggage handle, shaver handle toothbrush handle, frog shoe and so on

General Information			
Features	Semi Rigid		
Uses	Consumer Applications		
	Footwear		
	Handles		
	Luggage		
Appearance	Translucent		
Processing Method	Coextrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.898	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/5.0 kg)	15	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 3 sec)	80		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹	6.80	MPa	ASTM D638
Tensile Elongation ² (Break)	> 500	%	ASTM D638
Extrusion	Nominal Value	Unit	
Melt Temperature	180 to 220	°C	
NOTE			
1.	500 mm/min		
2.	500 mm/min		

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