

RTP 2000 HC A

Polyester Alloy

RTP Company

Message:

Medical Cleaner Resistant - UV Stabilized

General Information			
Additive	UV Stabilizer		
Features	Detergent Resistant		
RoHS Compliance	Contact Manufacturer		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.17	g/cm ³	ASTM D792
Molding Shrinkage - Flow (3.20 mm)	0.50 to 0.70	%	ASTM D955
Moisture Content	< 0.020	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	1310	MPa	ASTM D638
Tensile Strength	46.2	MPa	ASTM D638
Tensile Elongation (Yield)	> 100	%	ASTM D638
Flexural Modulus	1450	MPa	ASTM D790
Flexural Strength	56.9	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (3.20 mm)	800	J/m	ASTM D256
Unnotched Izod Impact (3.20 mm)	No Break		ASTM D4812
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed	90.6	°C	
1.8 MPa, Unannealed	76.7	°C	
Flammability	Nominal Value		Test Method
Flame Rating (1.50 mm, ** Values per RTP Company testing.)	HB		UL 94
Injection	Nominal Value	Unit	
Drying Temperature	87.8	°C	
Drying Time	4.0 to 6.0	hr	
Dew Point	-40.0	°C	
Processing (Melt) Temp	249 to 271	°C	
Mold Temperature	51.7 to 79.4	°C	
Injection Pressure	103 to 138	MPa	

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection.All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China



WECHAT