

RTP 1200 S-90A

Thermoplastic Polyurethane Elastomer (Polyester)

RTP Company

Message:

RTP 1200 S-90A is a thermoplastic polyurethane elastomer (polyester)(TPU-polyester) material. This product is available in North America, Africa and the Middle East, Latin America, Europe or Asia Pacific. The processing method is injection molding.

General Information			
RoHS Compliance		Contact manufacturer	
Processing Method		Injection molding	
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.21	g/cm ³	ASTM D792
Molding Shrinkage - Flow (3.20 mm)	1.0	%	ASTM D955
Moisture Content	0.020	%	
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness			ASTM D2240
Shaw A, 10 seconds	88		ASTM D2240
Shaw D	40		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Flexural Modulus	68.9	MPa	ASTM D790
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress (100% Strain)	7.18	MPa	ASTM D412
Tensile Strength (Yield)	33.9	MPa	ASTM D412
Tensile Elongation (Yield)	500	%	ASTM D412
Injection	Nominal Value	Unit	
Drying Temperature	87.8	°C	
Drying Time	6.0	hr	
Processing (Melt) Temp	193 - 218	°C	
Mold Temperature	15.6 - 32.2	°C	
Injection Pressure	34.5 - 68.9	MPa	
Injection instructions			

Desiccant Type Dryer Required.

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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

