

Thanelene® TPU S90A15 PRTA010 TP304 MSP

Thermoplastic Polyurethane Elastomer (Polyester)

Petropol Industry and Trade of Polymers LTDA

Message:

Thanelene® TPU S90A15 PRTA010 TP304 MSP is a Thermoplastic Polyurethane Elastomer (Polyester) (TPU-Polyester) material. It is available in Asia Pacific, Europe, Latin America, or North America for blow molding, extrusion, or injection molding.

General Information			
Processing Method	Blow Molding		
	Extrusion		
	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.20 to 1.23	g/cm ³	DIN 53479
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness			DIN 53505
Shore A	88 to 94		
Shore D	38 to 44		
Mechanical	Nominal Value	Unit	Test Method
Abrasion Loss	30.0	mm ³	DIN 53516
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress			DIN 53504
100% Strain	8.00	MPa	
300% Strain	15.0	MPa	
Tensile Strength ¹ (Yield)	50.0	MPa	DIN 53504
Tensile Elongation (Break)	450	%	DIN 53504
Tear Strength	85.0	kN/m	DIN 53515
Compression Set			DIN 53517
23°C	25	%	
70°C	45	%	
Injection	Nominal Value	Unit	
Drying Temperature	110	°C	
Drying Time	4.0	hr	
Processing (Melt) Temp	190 to 205	°C	
Mold Temperature	15.0 to 25.0	°C	
NOTE			
1.	100 mm/min		

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