

TPSiV™ 3345-65A NAT 25564

Thermoplastic Silicone Vulcanizate
Multibase, A Dow Corning Company

Message:

TPSiV™ 3345-65A NAT 25564 is a Thermoplastic Silicone Vulcanizate (TPSiV) product. It can be processed by injection molding and is available in Africa & Middle East, Asia Pacific, Europe, Latin America, or North America.
Characteristics include:
Chemical Resistant
Wear Resistant

General Information			
Features	Good Abrasion Resistance		
	Good Chemical Resistance		
	Soft		
Appearance	Natural Color		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.17	g/cm ³	ISO 1183
Spiral Flow ¹	28.0	cm	Internal Method
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore A)	70		ISO 868
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress - Across Flow ² (100% Strain)	3.30	MPa	ISO 37
Tensile Stress - Across Flow ³ (Break)	7.30	MPa	ISO 37
Tensile Elongation - Across Flow ⁴ (Break)	560	%	ISO 37
Tear Strength - Across Flow	41	kN/m	ISO 34-1
Injection	Nominal Value	Unit	
Drying Temperature - Desiccant Dryer	80.0 to 100	°C	
Drying Time - Desiccant Dryer	3.0 to 6.0	hr	
Suggested Max Moisture	< 0.030	%	
Rear Temperature	170 to 180	°C	
Middle Temperature	185 to 195	°C	
Front Temperature	195 to 205	°C	
Nozzle Temperature	200 to 210	°C	
Processing (Melt) Temp	205	°C	
Mold Temperature	10.0 to 40.0	°C	
Back Pressure	0.700 to 1.40	MPa	
Screw Speed	100 to 150	rpm	
Vent Depth	0.013 to 0.025	mm	

NOTE	
1.	Condition B
2.	500 mm/min
3.	500 mm/min
4.	500 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

