

TPSiV™ X5300 A 8506 NAT 25644

Thermoplastic Silicone Vulcanizate
Multibase, A Dow Corning Company

Message:

TPSiV™ X5300 A 8506 NAT 25644 is a Thermoplastic Silicone Vulcanizate (TPSiV) product. It can be processed by extrusion or injection molding and is available in Africa & Middle East, Asia Pacific, Europe, Latin America, or North America. Primary characteristic: low to no odor/taste.

General Information			
Features	Low to No Odor		
	Soft		
Appearance	Natural Color		
Forms	Pellets		
Processing Method	Extrusion		
	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.998	g/cm ³	ISO 1183
Spiral Flow ¹	30.0	cm	
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore A)	83		ISO 868
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress ² (Break)	14.0	MPa	ISO 527-2/5A/50
Tensile Strain ³ (Break)	28	%	ISO 527-2/5A/50
Elastomers	Nominal Value	Unit	Test Method
Tear Strength - Across Flow	63	kN/m	ISO 34-1
Compression Set			ISO 815
100°C, 24 hr	58	%	
100°C, 72 hr	64	%	
NOTE			
1.	Condition A		
2.	Cross direction		
3.	Cross direction		

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