

# Tufel® II 94505

Silicone

Momentive Performance Materials Inc.

## Message:

TUFEL® II Silicone Rubber Compounds 94405, 94505, 94605, and 94705 are 40-70 durometer low volatile fast-cure addition cured silicone elastomers for molding. They may be used by themselves or blended to intermediate durometers. Applications include fabricated molding that require short cycle time, deep section cures, and parts with low extractable requirements.

- Key Features and Benefits
- LV Bases Minimize Post Cure Times
- Totally Peroxide-Free Cure System
- Significant Reduction in Molding cycle Times
- Lower Molding Temperature Range (150-166C) (300-330F)
- Superior Mixed Shelf Life
- High Tear Strength
- Tight Surface Cure
- Non-blooming
- Translucency

General Information			
Features	Fast Cure		
	Fast Molding Cycle		
	Good Tear Strength		
	Low Extractables		
	Non-Blooming		
Appearance	Translucent		
Processing Method	Injection Molding		
Hardness	Nominal Value		Test Method
Durometer Hardness (Shore A)	47		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress (100% Strain)	1.20	MPa	ASTM D412
Tensile Strength	9.10	MPa	ASTM D412
Tensile Elongation (Break)	930	%	ASTM D412
Tear Strength <sup>1</sup>	43.9	kN/m	ASTM D624
Uncured Properties	Nominal Value	Unit	
Density	1.15	g/cm <sup>3</sup>	
Curing Time (177°C)	0.17	hr	
NOTE			
1.	Die B		

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Recommended distributors for this material

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