

Test data provided by raw material manufacturer or an ISO 17025 registered 3rd party lab.
Original test data is stored in the Darcoid Compound Database



2/22/2022

Darcoid Compound: 3001

COMPOUND DATA SHEET

FFKM, 75 Shore A

This compound will meet or exceed the specifications listed and has the following physical properties:

ORIGINAL PROPERTIES	TEST METHOD	RESULT
Hardness, Shore A, pts.		79
Tensile Strength, MPa		12
Elongation, min. %		124
Modulus @ 100% Elongation, MPa		7.8

COMPRESSION SET	TEST METHOD	RESULT
70 HRS. @ 200°C	D-395-B	
Percent of Original Deflection, max		+12

COMPRESSION SET	TEST METHOD	RESULT
70 HRS. @ 316°C	D-395-B	
Percent of Original Deflection, max		+45

LOW-TEMPERATURE RETRACTION	TEST METHOD	RESULT
	D-1329	
TR-10, °C		-2

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VOLUME CHANGE	TEST METHOD	RESULT
70 HRS. @ RT	D-471	
Acetone, % Volume Change		0.4
Methyl Ethyl Ketone, % Volume Change		0.2
Methanol, % Volume Change		0.2
Benzene, % Volume Change		0.3
Toluene, % Volume Change		0.3
Dichloromethane, % Volume Change		0.6
Chloroform, % Volume Change		0.6
Ethyl Acetate, % Volume Change		0.4
MTBE, % Volume Change		0.2
Glacial Acetic Acid, % Volume Change		0.4
Conc. Phosphoric Acid, % Volume Change		0.0
50/50 by Volume, MEK/Methanol, % Volume Change		0.7
Tetrahydrofuran (THF), % Volume Change		0.4
Styrene Monomer, % Volume Change		0.0
Methyl Methacrylate Monomer, % Volume Change		0.5

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