



VOLATILEFREEINC®
MANUFACTURER OF HIGH PERFORMANCE POLYMERS

Urethane Rubber & Plastic Specifications

Urethane Rubber | 8 Minute Pot Life

Product	Shore A Hardness ASTM D-2240	A:B Mix Ratio by Volume	Mixed Viscosity ASTM D-2393	Specific Gravity	Specific Volume (cubic in./lb.)	Tensile ASTM D-412	Elongation at Break % ASTM D-412	Die B Tear Strength ASTM D-624	Shrinkage (in./in.)	Standard Demold Time	Color
VFI-3140	40 A	1A:1B	2300 cps	1.05	26.37	445	780	45	<0.01	4 hrs	Green
VFI-3150	50 A	1A:1B	2600 cps	1.06	26.16	730	835	60	<0.01	4 hrs	Green
VFI-3160	60 A	1A:2B	2800 cps	1.06	26.03	1050	825	95	<0.01	4 hrs	Green
VFI-3170	70 A	1A:2B	800 cps	1.06	26.04	1100	670	135	<0.01	4 hrs	Green
VFI-3180	80 A	1A:2B	900 cps	1.07	25.81	1430	690	180	<0.01	4 hrs	Green

Non-pigmented version available upon request.

Urethane Rubber | 30 Minute Pot Life

Product	Shore A Hardness ASTM D-2240	A:B Mix Ratio by Volume	Mixed Viscosity ASTM D-2393	Specific Gravity	Specific Volume (cubic in./lb.)	Tensile ASTM D-412	Elongation at Break % ASTM D-412	Die B Tear Strength ASTM D-624	Shrinkage (in./in.)	Standard Demold Time	Color
VFI-3141	40 A	1A:1B	2300 cps	1.05	26.37	445	780	45	<0.01	16 hrs	Green
VFI-3151	50 A	1A:1B	2600 cps	1.06	26.16	730	835	60	<0.01	16 hrs	Green
VFI-3161	60 A	1A:2B	2800 cps	1.06	26.03	1050	825	95	<0.01	16 hrs	Green
VFI-3171	70 A	1A:2B	800 cps	1.06	26.04	1100	670	135	<0.01	16 hrs	Green
VFI-3181	80 A	1A:2B	900 cps	1.07	25.81	1430	690	180	<0.01	16 hrs	Green

Non-pigmented version available upon request.

Urethane Plastic | 2.5 Minute Pot Life

Product	Shore D Hardness ASTM D-2240	A:B Mix Ratio by Volume	Mixed Viscosity ASTM D-2393	Specific Gravity	Specific Volume (cubic in./lb.)	Tensile ASTM D-412	Elongation at Break % ASTM D-412	Shrinkage (in./in.)	Standard Demold Time	Color
VFI-4170	70 D	1A:1B	190 cps	1.06	26.11	5400	5	<0.01	10 min	White

Urethane Plastic | 5 Minute Pot Life

Product	Shore D Hardness ASTM D-2240	A:B Mix Ratio by Volume	Mixed Viscosity ASTM D-2393	Specific Gravity	Specific Volume (cubic in./lb.)	Tensile ASTM D-412	Elongation at Break % ASTM D-412	Shrinkage (in./in.)	Standard Demold Time	Color
VFI-4171	70 D	1A:1B	180 cps	1.07	25.88	5400	5	<0.01	35 min	White

For more information, contact us today at **(800) 307-9218**

Corporate Office: P.O. Box 344 • Brookfield, WI 53008 • (800) 307-9218 • (262) 787-0400 • Fax (262) 787-0500 • volatilefree.com

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