

POLYURETHANE PLASTICS

	Product Name	Shore D Hardness ASTM D2240	A:B Ratio by Weight	Pot Life	Demold Time	Flexural Modulus ASTM D790	Tensile Strength ASTM D638	Shrinkage Linear 12"x0.5"x0.5"	HDT @ 66 PSI ASTM D648-18	Cured Color
MACHINABLE	VFI-4170	70 D	100A:86.30B	2.5 min	20 min	202,000 psi	5750 psi	0.0625 in/in	N/A	White
	VFI-4171	70 D	100A:87.13B	5 min	40 min	198,000 psi	4520 psi	0.03125 in/in	N/A	White
	VFI-4172	75 D	100A:100B	15 min	2-4 hours	221,000 psi	5000 psi	<0.005 in/in	N/A	Neutral/ Beige
HIGH HDT	VFI-4280	75 D	200A:100B	8 min	1-2 hours	278,000 psi	7540 psi	<0.010 in/in	198.86 °F	Neutral
	VFI-4281	78 D	200A:100B	8 min	1-2 hours	281,000 psi	8850 psi	<0.010 in/in	199.04 °F	Neutral
	VFI-4282	78 D	200A:100B	6 min	1-2 hours	289,000 psi	8910 psi	<0.010 in/in	198.5 °F	Neutral
	VFI-4285	85 D	200A:100B	6 min	1-2 hours	392,000 psi	10,500 psi	<0.010 in/in	205 °F	Neutral
FR	VFI-4286	85 D	200A:100B	6 min	1-2 hours	392,000 psi	10,500 psi	<0.010 in/in	205 °F	Neutral
	VFI-4478	85 D	100A:100B	15 min	2-4 hours	15,600 psi	10,000 psi	<0.010 in/in	N/A	Neutral
UV STABLE CLEAR	VFI-4580	82 D	120A:100B	10 min	2-4 hours	386,000 psi	8500 psi	<0.005 in/in	145 °F	UV Stable Clear
	VFI-4581	82 D	120A:100B	50 min	16-24 hours	386,000 psi	8500 psi	<0.005 in/in	145 °F	UV Stable Clear
	VFI-4582	82 D	120A:100B	120 min	24-48 hours	386,000 psi	8500 psi	<0.005 in/in	145 °F	UV Stable Clear
	VFI-4585	84 D	140A:100B	10 min	1-2 hours	373,000 psi	9500 psi	<0.005 in/in	160 °F	UV Stable Clear
	VFI-4586	84 D	140A:100B	50 min	16-24 hours	373,000 psi	9500 psi	<0.005 in/in	160 °F	UV Stable Clear

**Please reference individual technical data sheets for full product descriptions and properties*

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