



1540 MARION STREET
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MATERIAL SPECIFICATION FOR
POLYPLY P-50
PULTRUDED PRODUCTS

	VALUE	TEST METHOD
COLOR STANDARD	RED	
NEMA GRADE	GPO-3	
U.L. FILE NUMBER	E82624	
TENSIL STRENGTH, PSI	17,602	D - 638
TENSIL MODULUS, PSI x 10 ⁶	1.4	D - 638
FLEXURAL STRENGTH, PSI	24,415	D - 790
FLEXURAL MODULUS, MPsi	1,408	D - 790
COMPRESSIVE STRENGTH, PSI - FLATWISE	33,857	D - 695
COMPRESSIVE STRENGTH, PSI - EDGEWISE	24,418	D - 695
IMPACT STRENGTH NOTCHED FT. LB./IN.	14	D - 256
FLAMABILITY RATING	VO @ .093"	U.L. 94
SHEAR STRENGTH	14,600	D - 732-02
DIELECTRIC STRENGTH, KV/MM	16	U.L. 746A
BARCOL HARDNESS	30 - 50	

