

MARELON COMPARISON CHART

	U.V. Degradation	Corrosion Resistance	Abrasion Resistance	Tensile Strength**	Flexural Modulus***	ABYC * Requirement	U.L. * Requirement	Total Score	
MARELON	10	10	10	27,000psi 10	1,300,000mPa 10	10	10	70	
NYLON 101	6	10	5	12,000psi 10	410,000mPa 4	0	0	35	
ACETAL	5	10	6	10,000psi 5	450000mPa 5	0	0	31	
PVC	3	10	2	5015psi 3	434,000mPa 3	0	0	21	
POLYPROPYLENE	8	10	7	4150psi 2	75,000mPa 2	0	0	29	
BRONZE	10	4	10	35,000psi 10	15,000,000mPa 10	10	10	64	
BRASS	10	0	10	45,000psi 10	11,000,00mPa 10	0	0	40	
Marelon is a registered trademark of Forespar Products Corp.									
* Minimum physical properties required for approval are:									
Tensile strength 10,900psi 75mPa									
Flexural modulus 500,000psi 3480mPa									
** Value by test to ASTM D638 (American Society of Testing & Materials)									
*** Value by test to ASTM D790 (American Society of Testing & Materials)									