

UMG WOOD



Inspired by Nature,
Built for the Future.

UMG WOOD

Developed in Japan over 20 years ago, UMG Wood is a weatherable ASA resin+wood composite that has been used in a wide variety of applications and trusted in the industry.

UMG Wood is...

► REALISTIC

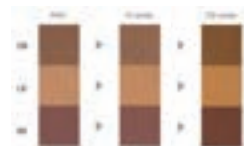
Texture ASA+wood composite boasts superior woodlike texture after sanding.

Pattern Create realistic, irregular wood grain designs using specialized masterbatch during the extrusion process.



► DURABLE

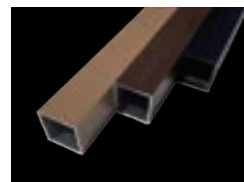
Originally developed for automotive exteriors, ASA resins are highly weatherable, and impact resistant.



This is an example of an accelerated weather resistance test, and does not guarantee performance.

► VERSATILE

UMG Wood can be coextruded with PVC or ABS, paired with aluminum for a realistic finish, or used on its own.



WIDE VARIETY OF COLORS & GRADES

UMG Wood grades offer the high performance of ASA with different levels of wood content. More wood content will look and feel even more like real wood!

Property	Test Method	Unit	Wood		
			Extra Durable	Balanced	Supreme Wood
			W305A	W310A	W320A
Tensile Strength	ISO 527	MPa	36	32	39
Flexural Strength	ISO 178	MPa	54	59	64
Flexural Modulus	ISO 178	MPa	1900	2600	2550
Charpy Impact	ISO 179	kJ/m2	13	3	4
Rockwell Hardness	ISO 2039	R	R81	R92	R98
Melt Volume Rate	ISO 1133	g/10 min.	23	22	27
Temperature of Deflection	ISO 75	Degrees C	79	79	80
Density	ISO 1183	-	1.07	1.08	1.07

USE CASES

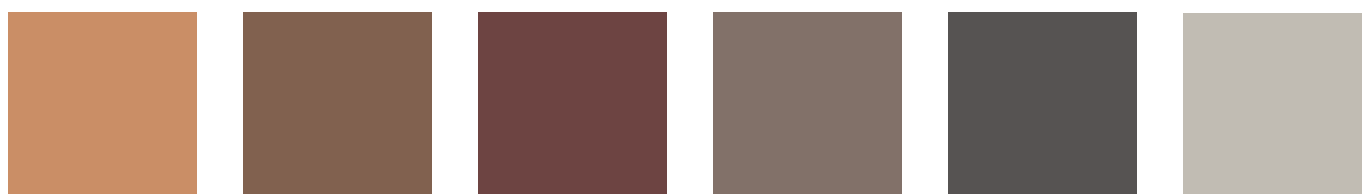
UMG Wood is used for both decorative and functional outdoor applications in Japan. Bring a naturalistic touch to your next project!



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WIDE VARIETIES OF COLORS

Discover our selection of standard colors to mimic popular wood types or explore made to order and custom colors to create unique design accents in white, black, gray, and more!



LB

DB

RB

GY (Made-to-order color)

BK (Made-to-order color)

WH (Made-to-order color)