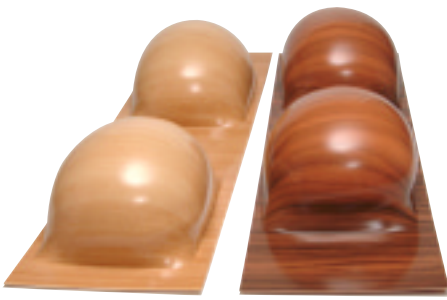


ABS Wood Grain

ABS Sheets with High Quality Wood Grain Laminate



ABS wood grain sheets are high quality coextruded ABS based sheets featuring an extremely realistic wood grain laminate, designed for products calling for a high quality wood grained appearance.



ABS Wood Grain

ABS Sheets with High Quality Wood Grain Laminate

Advantages

Ideally suited for vacuum forming and precision CNC machining
Available in a wide range of wood grains and colors
Combination of excellent elasticity and high impact resistance

Applications

Ideal for automotive fixtures, household products, furniture, advertising and display stands

Max. Dimensions

Width: 1,250 mm

Length: 3,000 mm

Thickness: 1.0 mm - 5.0 mm

Specific Gravity: 1.05 gr/ccm

Physical Properties

		ISO	ASTM	DIN	Value
Density	kg/m ³	1183B	D-792-B	53479-B	1050

Thermal Properties

Vicat softening point (120°C/h, 1kg)	°C	306A	D-1525-B	53460	110
HDT, annealed (120°C/h, 1.80MPa)	°C	75/A	D-648	53461-A	101

Mechanical Properties

Tensile at yield, 100 mm/min.	MPa	DIS527/D	D-638-M	53455-6-3	42
Elongation at break	%	DIS527/D	D-638	53455-6-3	4.0
Flexural strength, 1 mm/min.	MPa	178	D-790-M	53452	65
Flexural modulus, 3 point	MPa	178	D-790-M-A	53457-B3	2050
Izod notched 23°C	KJ/m ²	180/1A			28
Charpy notched 23°C	KJ/m ²	179/2C	53453		15
Rockwell hardness, R-scale		2039/2	D-785B		80

Flammability Ratings

Flame class rating (1)	all colours	HB
------------------------	-------------	----

• Typical properties, not to be construed as specification limits

(1) This numerical flame-spread rating is not intended to reflect hazards by material under actual fire conditions

