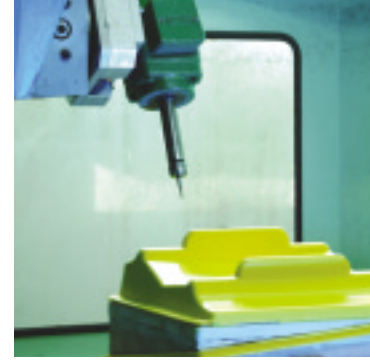


ABS Sheets

Coextruded ABS Based Cut Sheets



ABS Sheets are high quality coextruded ABS based sheets especially designed for creating a wide variety of vacuum and deep vacuum formed products, with a final touch of precision CNC machining.



ABS Sheets

Coextruded ABS Based Cut Sheets

Advantages

- Simple to vacuum form
- Particularly suited for deep vacuum formed products
- Excellent results with all standards of molds
- Extra flexibility combined with high impact resistance
- Available in UL94 compliant material
- UV stabilization for long life service (in colored sheets)
- Can be printed on using standard printing methods
- Available in a wide range of colors
- Available with a choice of two colors per sheet
- Available in smooth or embossed surface, glossy or matte finish
- Made of environment-friendly recyclable material

Applications

Industrial vacuum forming of appliances, automotive accessories, casings and packaging, display and advertising stands and accessories.

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