



# ATECH<sup>®</sup> 3300

ATECH is a series of sheets based on ABS which is a raw material with very high impact-strength. ABS also has impressive thermal qualities and is easy to thermoform and fabricate. The ATECH 3300 is a super high impact ABS with a semigloss top layer of ASA material.

#### ALSO AVAILABLE IN:

- ATECH 3300M with a matt ASA surface
- ATECH 3330 with ASA surface on both sides

#### RECYCLING

Our total recycling concept (TRC), is a major advantage in today's environmentally friendly market. The TRC concept covers all types of sheets to provide you with cost saving. Off-cuts from the sheets can be used in production of new sheets by co-extruding virgin material as the top layer. Care is taken that all quality requirements are met.

#### ATECH<sup>®</sup> 3300 BENEFITS:

- Weathering performance
- Chemical resistance
- Easy to thermoform
- High impact strength
- Good thermal qualities

#### APPLICATION AREAS:

The weathering properties makes ATECH 3300 the ultimate choice for any outdoor application such as gardening applications, agriculture vehicles, transport vehicles etc.

#### DELIVERY PROGRAM:

Standard size: 1250 x 2050 mm

Max width: 1650 mm

Thickness range: 2 – 8 mm

Colours: Standard colours and customer specific colours upon request

Embossing: 00/35, 00/40, 00/50, 00/57

## ATECH® 3300 TECHNICAL SPECIFICATIONS

Property	Value	Unit	Standard
<b>Physical properties</b>			
Density	1,05	g/cm <sup>3</sup>	ISO 1183
<b>Mechanical properties</b>			
Tensile strength at yield	33	MPa	ISO 527
Tensile elongation at yield	>2	%	ISO 527
Tensile elongation at break	53	%	ISO 527
Elastic modulus in tension	1900	MPa	ISO 527
Flexural strength	55	MPa	ISO 178
Flexural modulus	2000	MPa	ISO 178
Izod impact, notched +23 °C	30	kJ/m <sup>2</sup>	ISO 180
Izod impact, unnotched -18 °C	20	kJ/m <sup>2</sup>	ISO 180
Izod impact, unnotched -35 °C	10	kJ/m <sup>2</sup>	ISO 180
Ball indentation hardness	77	MPa	ISO 2039
<b>Thermal properties</b>			
Linear coefficient of thermal expansion (20-70 °C)		K <sup>-1</sup>	ISO 11359-2
Vicat softening temperature B120	97	°C	ISO 306
Heat deflection temperature HDT-A	86	°C	ISO 75
Mould shrinkage	0,6 – 0,7	%	ISO 294-4

Properties reported here are typical values. Arla Plast makes no representation that the material in any particular shipment will conform exactly to the values given. The above information is based upon experience and given in good faith. Due to many factors which are outside our knowledge and control, no warranty is given or is to be implied with respect to such information. Detailed product specification and technical manual/information is available on request.