



# PC/ABS ATECH®

## 5103.02-R118-7-8

PC/ABS ATECH® 5103.02-R118-7-8 is PC/ABS sheet with matt surface. The product offers good impact strength and wide working temperature range. PC/ABS ATECH® 5103.02-R118-7-8 has good chemical resistance to most common chemicals.

### PC/ABS ATECH® 5103.02-R118-7-8 BENEFITS:

- Homologated to ECE R118.02 Annex 6,7 & 8 in thickness range 1,5 – 7 mm
- Matt surface finish after thermoforming
- Easy to thermoform
- High impact strength
- Good thermal qualities

### APPLICATION AREAS:

For interior applications demanding ECE R118.03 annex 6,7 and 8 classification, which are exposed to secondary UV light where a matt finish is required.

### DELIVERY PROGRAM:

Standard size: 1250 x 2050 mm

Max width: 2200 mm

Thickness range: 2 – 7 mm

Colours: customer specific colours upon request

Embossing: 00/40, other upon request

## PC/ABS ATECH® 5103.02-R118-7-8 TYPICAL PROPERTY VALUES

Property	Value	Unit	Standard
<b>Physical properties</b>			
Density	1,21	g/cm <sup>3</sup>	ISO 1183
<b>Mechanical properties</b>			
Tensile strength at yield	51	MPa	ISO 527-2
Tensile elongation at yield	6	%	ISO 527-2
Tensile elongation at break	11	%	ISO 527-2
Flexural strength	60	MPa	ISO 178
Flexural modulus	2900	MPa	ISO 178
Izod Impact, notched +23°C	21	kJ/m <sup>2</sup>	ISO 180/A
Falling Dart Impact, Peak Energy	17	J	ISO 6603-2
<b>Thermal properties</b>			
Vicat softening temperature B50	101	°C	ISO 306
<b>Fire properties</b>			
Annex 6/7/8	Pass		ECE R118.03

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.