

ASACOM™ S9500-10

Acrylonitrile Styrene Acrylate

ASACOM S9500-10 is a high gloss easy flowing injection moulding grade ASA with exceptional weathering performance. Applications include automotive exterior covers and gardening equipment.

Physical Properties	Typical Value	Unit	Test Method based on
Density	1050	Kg/m ³	ISO 1183
Water absorption (23°C, sat)	1.00	%	ISO 62
Moisture absorption (23°C, 50% RH)	0.22	%	ISO 62
Mould shrinkage	0.4-0.7	%	ISO 294
Melt Flow (220°C / 10 kg)	22	g/10 min	ISO 1133
Flammability (1.5mm)	HB		UL94
Flammability (0.8mm)	HB		UL94

All data given are typical product data and do not represent minimum values.

The actual value may vary depending on colour and additives.

All information supplied by or on behalf of PCL in relation to its products whether in the nature of data, recommendations or otherwise is supported by research and believed reliable, but PCL assumes no liability whatsoever in respect of application, processing or use of afore-mentioned products, or any consequences thereof. No liability whatsoever shall attach to PCL for any infringement of the rights owned or controlled by a third party in intellectual, industrial or other property by reason of the application, processing or other use of the afore-mentioned information or products by the user.

The user undertakes all liability in respect of the application, processing or use of the afore mentioned information or product, whose properties he shall verify or any consequence thereof.

Edwardson Road, Meadowfield Industrial Estate, Meadowfield, Durham, DH7 8RL, UK

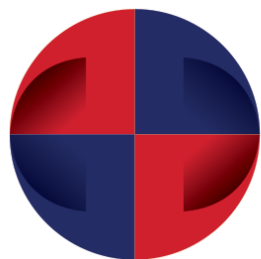
tel: +44 (0)191 378 37 37



fax: +44 (0)191 378 17 17

www.polymer-compounders.com





POLYMER COMPOUNDERS LIMITED

ASACOM™ S9500-10

Mechanical Properties	Typical Value	Unit	Test Method based on
Tensile Strength at Yield (50mm/min)	35.0	MPa	ISO 527
Tensile Strength at Yield (80°C)	19.0	MPa	ISO 527
Tensile Strength at Yield (-40°C)	63.0	MPa	ISO 527
Elongation at Break	40.00	%	ISO 527
Elongation at Yield (50mm/min)	3.60	%	ISO 527
Elongation at Yield (80°C)	2.40	%	ISO 527
Elongation at Yield (-40°C)	3.60	%	ISO 527
Tensile Modulus (1mm/min)	2 000	MPa	ISO 527
Flexural Strength	58	MPa	ISO 178
Izod Notched Impact (RT)	16	kJ/m2	ISO 180/1A
Charpy Notched Impact (RT)	22	kJ/m2	ISO 179/1eA
Charpy Unnotched Impact (RT)	150	kJ/m2	ISO 179/1eU

All data given are typical product data and do not represent minimum values.
The actual value may vary depending on colour and additives.

All information supplied by or on behalf of PCL in relation to its products whether in the nature of data, recommendations or otherwise is supported by research and believed reliable, but PCL assumes no liability whatsoever in respect of application, processing or use of afore-mentioned products, or any consequences thereof. No liability whatsoever shall attach to PCL for any infringement of the rights owned or controlled by a third party in intellectual, industrial or other property by reason of the application, processing or other use of the afore-mentioned information or products by the user.

The user undertakes all liability in respect of the application, processing or use of the afore mentioned information or product, whose properties he shall verify or any consequence thereof.

Edwardson Road, Meadowfield Industrial Estate, Meadowfield, Durham, DH7 8RL, UK

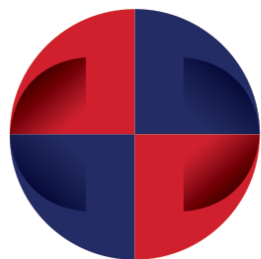
tel: +44 (0)191 378 37 37



fax: +44 (0)191 378 17 17

www.polymer-compounders.com





POLYMER COMPOUNDERS LIMITED

ASACOM™ S9500-10

Thermal Properties	Typical Value	Unit	Test Method based on
CTE linear	9.0E-04	1/°C	ISO 11359-2 (Parallel)
HDT (0.46 MPa)	90.0	°C	ISO 75/Ae
HDT (1.8 MPa)	79.0	°C	ISO 75/Ae
Vicat Softening point (B/50)	90.0	°C	ISO 306

Processing Properties	Typical Value	Unit
Melt Temperature	240	°C
Mould Temperature	60	°C
Injection Velocity	60.0	mm/s
Drying Time	2 to 4	hr
Drying Temperature	80	°C

All data given are typical product data and do not represent minimum values.
The actual value may vary depending on colour and additives.

All information supplied by or on behalf of PCL in relation to its products whether in the nature of data, recommendations or otherwise is supported by research and believed reliable, but PCL assumes no liability whatsoever in respect of application, processing or use of afore-mentioned products, or any consequences thereof. No liability whatsoever shall attach to PCL for any infringement of the rights owned or controlled by a third party in intellectual, industrial or other property by reason of the application, processing or other use of the afore-mentioned information or products by the user.

The user undertakes all liability in respect of the application, processing or use of the afore mentioned information or product, whose properties he shall verify or any consequence thereof.

Edwardson Road, Meadowfield Industrial Estate, Meadowfield, Durham, DH7 8RL, UK

tel: +44 (0)191 378 37 37



fax: +44 (0)191 378 17 17

www.polymer-compounders.com

