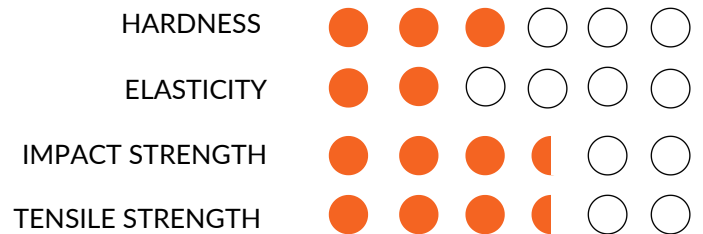


TECHNICAL DATA SHEET

ASA-39

ASA-39 - material used where resistance to weather conditions is needed, especially UV light. High temperature resistance allows to test models in direct sunlight without the risk of deformation or discoloration.



PHYSICAL PROPERTIES

	VALUE	UNIT	TEST METHOD
Density	1,06	g/cm ³	ASTM D792

MECHANICAL PROPERTIES

	VALUE	UNIT	TEST METHOD
Tensile strength	45	MPa	ASTM D638
Tensile elongation	23	%	ASTM D638
Flexural strength	66	MPa	ASTM D790
Izod impact strength	118	kJ/m	ASTM D256
Rockwell hardness	105	-	ASTM D785

THERMAL PROPERTIES

	VALUE	UNIT	TEST METHOD
Heat Deflection Temperature 1,8 MPa	85	°C	ASTM D648
VICAT Softening Temperature	201	°C	ISO R306 50N

RECOMMENDED PRINTING PARAMETERS



Nozzle temperature

>240°C

