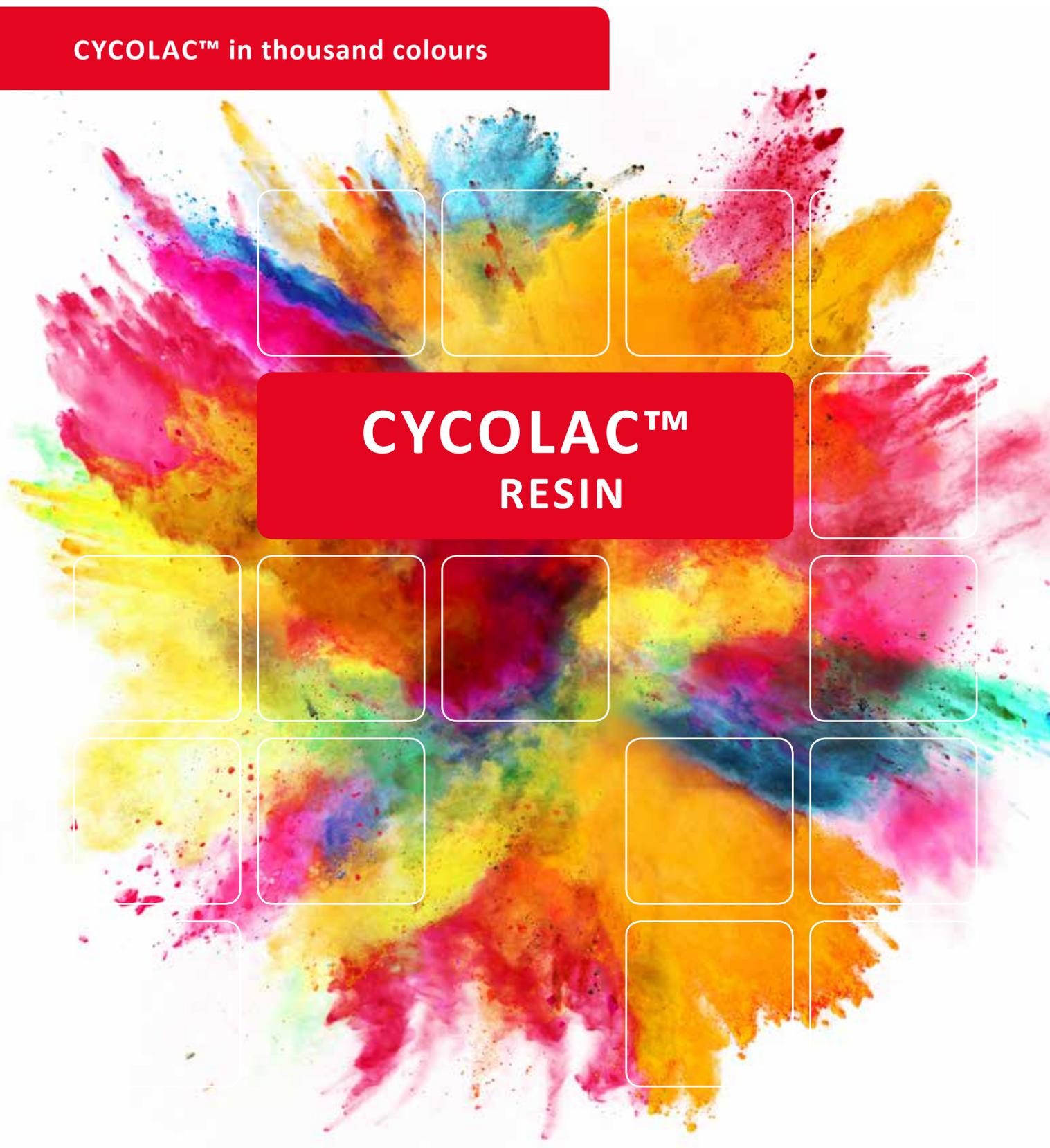


CYCOLAC™ in thousand colours

CYCOLAC™
RESIN



CYCOLAC™

in thousand colours



CYCOLAC™
RESIN

MG47F

ABS

Colours

SAX
POLYMERS

produced by
SAX® Polymers



سابك
sabic

CYCOLAC™
is a trademark
of SABIC®



Colour, freedom of design, a great surface and very good technical properties - CYCOLAC™ MG47F stands out for its wide range of applications. This easy-to-work synthetic material is the first choice as a 'body material' CYCOLAC™ MG47F has made a name for itself, from classic coffee machines to modern automotive applications.

The synthetic material dyed by SAX® Polymers under licence from SABIC® is available in a thousand glossy colours, making it an attractive material for applications with a distinctive depth of colour and bright surface. Well-known examples have been in children's bedrooms for decades. Colour also lends products a touch of individuality in the field of sanitary applications, electronics and diagnostics. Food safety certification is a decisive factor in favour of this ABS material with household and consumer products. CYCOLAC™ MG47F is available both in 'natural' and a thousand glossy colours.

MECHANICAL

Tensile stress, yield, 50 mm/min	ISO 527	47 MPa
Tensile modulus, 1 mm/min	ISO 527	2370 MPa
Flexural modulus, 50 mm/min	ISO 527	2.6 %

IMPACT

Izod 23 °C, notched	ISO 180/1A	22 kJ/m ²
Charpy 23 °C, V-notch edgew	ISO 179/1eA	26 kJ/m ²

THERMAL

Vicat softening temp, rate B/120	ISO 306	100 °C
Relative temp index, elec./mech.	UL 746B	80 °C

PHYSICAL

Density	ISO 1183	1,04 g/cm ³
Melt flow rate, 220 °C / 10.0 kg	ISO 1183	18 g/10 min

FLAME CHARACTERISTICS

UL recognized, 94HB flame class rating	UL 94	1,5 mm
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CYCOLAC™ RESIN

ABS of
world class

TOP
availability

Swiss Made

6000
colour formulations

48h
colour adjustment

Testing laboratory



SABIC® is the world's leading manufacturer of technical synthetic materials, and has the latest research & development centres as well as production facilities in the Middle East, Europe, the USA and Asia. SAX® Polymers specialises in manufacturing, preparing and dyeing technical polymers. Under licence from SABIC®, SAX® Polymers matches the ABS synthetic material CYCOLAC™ MG47F to individual colour requirements.



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