



EPOXY CASTING SYSTEMS

SURFACE & MASS CASTING

FOR FILLED TOOLING SYSTEMS • VARIABLE CASTING THICKNESS AVAILABLE

BUILDING TRUST



EPOXY CASTING SYSTEMS - ROOM TEMPERATURE

Product	Hardener	Tg (°F)	Shore Hardness	Max Casting Thickness	Cured Color	Pot Life (min/g)	Description & Applications
AC 2310	AC 2310 H	160	93 D	2"	Gray	240/440	Abrasion-resistant system for stretch forms, hydroform, and drop hammer dies
TCC-401	TCC-104 H	180*	80 D	< 1"	Black	30/500	Abrasion-resistant, iron-filled system for cast hydroform tools, stretch form blocks, and metal forming dies
	TCC-104-5 H	180*	80 D	< 4"	Black	50/500	
	TCC-105 H	180*	80 D	> 4" with bulk fill	Black	90/500	
TCC-410	TCC-104 H	180*	84 D	< 1"	Gray	60/500	Aluminum-filled, impact-resistant system for surface casting on prototype stamping dies

* Peak Operating Temperature

EPOXY CASTING SYSTEMS - HIGH TEMPERATURE

Product	Hardener	Tg (°F)	Shore Hardness	Max Casting Thickness	Cured Color	Pot Life (min/g)	Description & Applications
TCC-410	TCC-104-5 H	210*	84 D	< 4"	Gray	100/500	Aluminum-filled system for mass casting applications where high impact resistance is desired
	TCC-105 H	240*	84 D	> 4" with bulk fill	Gray	150/500	
EC-440	EC-440 H	208	95 D	6"	Lt. Amber	70/260	Binder resin for ceramic-filled casts and back filling of nickel shell mold surfaces. Requires use of N5/N51 fillers
TCC-626	TCC-116 A H	217	85 D	1"	Black	120/500	Impact-resistant system with excellent thermal shock for surface casting applications
EC-439	EC-439 H	270	89 D	6"	Lt. Amber	180/260	Binder resin for ceramic-filled cast tooling for low volume production of RIM, RTM, and cold compression molds. Requires use of N5/N50 fillers
EC-433	EC-433-4 H (Slow)	285	91 D	< 3"	Gray	270/1,356	Aluminum-filled system for production of vacuum form molds, prototype plastic injection molding, RIM, and back filling of laminated or spray metal mold surfaces
	EC-344-2 H (Fast)	288	90 D	< 1"	Gray	120/336	
	EC-433-3 H (Medium)	305	90 D	1"	Gray	200/1,356	
EC-415	EC-415 H	428	89 D	3"	Gray	150/200	Aluminum-filled system with excellent thermal conductivity for cast autoclave molds, plastic injection molds, and compression molding applications

* Peak Operating Temperature

Our most current General Sales Conditions shall apply.
Please consult the Data Sheet prior to any use and processing.

SIKA ADVANCED RESINS
30800 Stephenson Highway
Madison Heights, MI 48071
(248) 577 0020
www.SikaAdvancedResins.us

CUSTOMER SERVICE
(248) 588 2270
Advanced.Resins@us.sika.com

BUILDING TRUST

