










URETHANES




POLYURETHANE CASTING & FASTCAST SYSTEMS

DURABLE ▪ BROAD HARDNESS RANGE ▪ VARIETY OF APPLICATIONS

POLYURETHANE CASTING SYSTEMS

Product	Brand	Shore Hardness	Mixed Color	Mixed Viscosity (cps)	Elongation (%)	Description & Applications
TCC-5000A/5060B		60 A	amber	1,000	600	Exceptionally tough system for flexible molds, nesting fixtures, metal forming pads, belts, and sound dampening pads
TCC-5000A/5070B		70 A	amber	1,000	500	
TCC-5000A/5080B		80 A	amber	1,500	400	
TCC-5000A/5090B		90 A	opaque cream	2,500	300	Exceptionally tough system for flexible molds, nesting fixtures, metal forming pads, and industrial rollers
UR 3558 A/B		95 A	amber	3,000	460	Highly abrasion and impact-resistant urethane for foundry tooling
TCC-6060 A/B		60 D	amber	2,500	200	Impact-resistant, low shrinkage system for molds, foundry patterns, core box liners, industrial rollers, wheels, and shims
UR 3560 A/B		60 D	red	2,500	220	Highly abrasion and impact-resistant urethane for foundry tling, core boxes, and assembly fixtures
UR 3490 A/B		67 D	beige	1,500	120	Impact-resistant surface casting urethane for foundry tooling, patterns, and core boxes
TCC-6072		72 D	off-white translucent	350	38	Tough, fast-setting, impact/wear/moisture-resistant system for small-dimensional nesting fixtures, core boxes, gating, sculptures, prototype models, and special effects props

FASTCAST SYSTEMS

Product	Brand	Pot Life (min/g)	Shore Hardness	Cured Color	Mixed Viscosity	Tg (°F)	Description & Applications
HH Extreme A/B		2/94	72 D	off-white translucent	350	120	Versatile, tough, durable, easily tintable, impact/wear/moisture-resistant system for handholds in the climbing industry
F100 B			+				Filled, dimensionally stable, heat-resistant, easily re-mixed system for checking/nesting fixtures, core boxes, thermoforming tools, and prototyping parts
Part A		5/300	82 D	gray	2,500	225	
Part A - Medium		9/200	80 D	blue	2,500	158	
Part A - LPL		14/200	79 D	gray	2,500	128	
TCC-8020A/8021B		17/150	75 D	white	150	140	System for simulating RIM parts, polypropylene parts with thermoplastic characteristics, fastcast, and rapid prototyping

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SikaAxson US proudly manufactures the following brands:



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