



Capa™ for coatings

Exceptional weathering & abrasion resistance with high flexibility

Capa™ polyols for premium PU coatings & stoving enamels

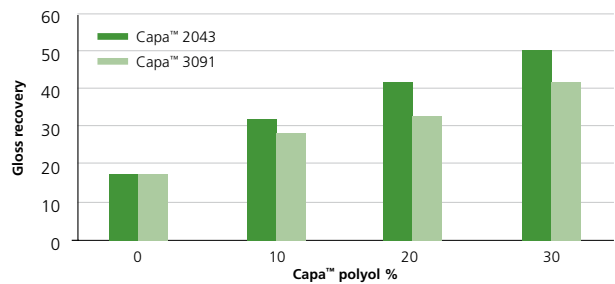
- Excellent resistance to weathering and chemical attack
- Best-in-class abrasion resistance
- Low VOC for more sustainable coating solutions
- Ultimate combination of flexibility and toughness
- Global supply and availability

Capa™ Polyols for 1K-stoving enamels

The linear aliphatic structure of Capa™ Polyols facilitates flexible 1K stoving formulations without compromising on final hardness. Viscoelastic properties, semi-crystallinity and less internal stress of the scratched coating allow gloss to recover at moderate temperatures of 60 °C (self healing effect). This is particularly important in stoving high performance automotive parts, and coil coatings.

Formulation guidelines and self healing effect

Polyol	Acrylic/Capa™ Polyols
Cross-linker (HMMM)	Cymel 303
Solvent	BuAc
Catalyst	pTSA
Polyol/melamine (solid)	80/20
Curing	150°C, 10 min



Product data summary

Polyols						
	Type	Mw	OH-value, mg KOH/g	OH %	Viscosity, mPas @ 23°C	Recommendation
Capa™ 2043	Diol	400	280	8.5	240	2K PUR/1K HMMM
Capa™ 2054	Diol	550	204	6.2	340	1K HMMM
Capa™ 2085	Diol	830	135	4.1	330 (35°C)	1K HMMM
Capa™ 3050	Triol	540	310	9.4	1,190	2K PUR
Capa™ 3091	Triol	900	183	5.5	1,246	2K PUR/1K HMMM
Capa™ 4101	Tetrol	1,000	218	6.6	1,850	2K PUR





Your Winning Formula

The Perstorp Group, a trusted world leader in specialty chemicals, places focused innovation at your fingertips. Our culture of performance builds on 130 years of experience and represents a complete chain of solutions in organic chemistry, process technology and application development.

Matched to your business needs, our versatile intermediates enhance the quality, performance and profitability of your products and processes. This is how we enable you to meet market demands for safer, lighter, more durable and environmentally sound end-products – for the aerospace, marine, coatings, chemicals, plastics, engineering, and construction industries, as well as automotive, agricultural, food, packaging, textile, paper and electronics applications.

Our chemistry is backed by reliable business practices and a global commitment to responsiveness and flexibility. Consistent high quality, capacity and delivery security are ensured through strategic production plants in Asia, Europe and North America, as well as sales offices in all major markets. Likewise, we combine product and application assistance with the very best in technical support.

As we look to the future, we strive for the development of smarter and safer products and sustainable processes that reduce environmental impact and create real value in new chemical applications. This principle of proactive innovation and responsibility applies not only to our own business, but also to our work with yours. In fulfilling it, we partner with you to create a winning formula that benefits your business – as well as the people it serves.

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