

PICO APR

Polyamide and Blocked Isocyanate Adhesion Promoters

Designed for high quality and optimal performance in PVC and acrylic plastisol formulations in automotive* and other select** applications.

APR "polyamide-based" promoters offer improved adhesion of plastisols to e-coat primed and non-primed metal, aluminum, and plastic surfaces.

APR "blocked isocyanate-based" promoters are designed to improve adhesion for electrodeposition primers and can be used with or without polyamides.

APR adhesion promoters offer excellent adhesion, rheology, tensile strength, color and viscosity stability, low temperature use, and low-level additions.

* **Typical automotive applications:** visible / non-visible sealers, high bake systems, anti-chip primers / coatings, sound damping, bonding, underbody coatings.

** **Select applications:** polyurethane, adhesive, top coat coatings; high-voltage component coatings, pre-applied sealants, dip, and other protective coatings.

Product	Type	Color (Gardner)	Color Stability	Viscosity Ps @ 77°F (25°C)	Viscosity Stability	Adhesion	Amine Value (mg KOH/g)	Use Rate %	Typical Cure Time / Temp. Range
APR 45	Polyamidoamine Phthalate free	10 max.	E	500-900	G	E	370-400	< 5	30 min. @ 120-140°C
APR 46	Polyamidoamine Phthalate	10 max.	E	85-300	G	G	170-210	< 5	30 min. @ 120-140°C
APR 48	Polyamidoamine Phthalate free	10 max.	E	50-200	G	E	170-210	< 5	30 min. @ 120-140°C
APR MM	Polyamidoamine Phthalate free	10 max.	E	600-900	G	E	360-410	< 5	30 min. @ 120-140°C
APR 410	Polyamidoamine Phthalate	10 max.	E	75-300	G	G	105-135	< 5	30 min. @ 120-140°C
APR 418	Polyamidoamine Phthalate	10 max.	E	50-200	G	G	170-210	< 5	30 min. @ 120-140°C
APR 49	Blocked Isocyanate Phthalate	4 max.	E	100-500	G	E	N/A	< 10	30 min. @ 120-140°C
APR 50	Blocked Isocyanate Phthalate Nonylphenol free	6 max.	E	30-200	G	E	N/A	< 10	30 min. @ 120-140°C
APR 51	Blocked Isocyanate Phthalate Nonylphenol free	6 max.	E	30-200	G	E	N/A	< 10	20 min. @ 120°C
APR 52	Blocked Isocyanate Phthalate Nonylphenol free	6 max.	E	50-120	G	E	N/A	< 10	20 min. @ 120°C

E = excellent G = good

ISO 9001 CERTIFIED

PICO will custom formulate products for specific volume applications.

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All products made in U.S.A.



The description, statements and recommended use of these products are guidelines and may vary due to formulation or manufacturer. Because the use of these products is beyond the control of PICO Chemical Corporation, we assume no liability for incidental, consequential, or direct damages regardless of cause.



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