

Acrylic Polyols

Bringing Solutions to the Surface



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AROLON® 6436

(High Solids) Provides fast dry with moderate isocyanate demand resulting in moderate cost-in-use. Low VOC (420 grams per liter) polyurethane coatings can be easily formulated with standard aliphatic isocyanates. Ideal for economical industrial maintenance topcoats requiring superior durability.



AROLON® 6437

(High Solids) Lowest isocyanate demand acrylic polyol resin. Can be easily formulated to produce economical industrial maintenance two component polyurethane topcoats at 340 grams per liter VOC.



AROLON® 6471

(High Solids) Fastest drying of the AROLO® Polyol series. Provides a very fast lacquer dry combined with a long pot life. It can be used to formulate auto refinish clear coats and industrial maintenance topcoats with low VOCs (430 grams per liter) using standard aliphatic isocyanates.



AROLON® 6472

(Conventional Solids) Highest performing acrylic polyol suitable for use in automotive refinish clear coats and transportation finishes. Designed to cure with conventional isocyanates to produce extremely hard, scratch resistant, UV durable finishes.

Resin Properties

Resin Properties	AROLON® 6436	AROLON® 6437	AROLON® 6471	AROLON® 6472
VOC (gms / liter)	420 ²	340 ²	430 ²	490 ³
OHEW ¹ (on solids)	560	640	430	325
Resin Solids (by weight)	70.0%	80.0%	70.0%	60.0%
Solvent	PM Acetate	nBuAc	nBuAc / xylene	nBuAc / xylene

- 1) OHEW = Hydroxyl (OH) Equivalent Weight (higher means less isocyanate)
- 2) Based on product bulletin white enamel
- 3) Based on product bulletin clear topcoat



Performance Properties

Performance Properties	AROLON® 6436	AROLON® 6437	AROLON® 6471	AROLON® 6472
Dry Time (hours)	Moderate	Moderate	Fast	Fast
Pot Life (hours)	2-3	3	4	4+
Gloss 60° / 20°	94 / 88	95 / 87	95 / 87	94 / 88
2000 hr QUV A	91 / 75	93 / 82	92 / 87	94 / 87
Hardness, Pencil, 7 day	2H	H	H	5H+