

Moisture Cure Polyurethanes – Properties Chart

Product	Description	Viscosity ASTM D2369	Solids ASTM D2196	VOC lbs/gal (g/l) ASTM D3960	% NCO	Sward Hardness ASTM D2134	Tensile psi ASTM D412	Elongation ASTM D412	Solvent
MC40P™	aromatic, hard coating for wood and concrete	70-120 cps	39-41%	4.86 (585)	2.7-3.0	38	5,000	85%	Xylol / PMAcetate
MC53-1™	aromatic, hard coating for wood and concrete, <350 grams per liter VOC	70-130 cps	40-43%	2.48 (298)	2.8-3.7	40	4,500	80%	Exempt / PMAcetate
MC75™	aromatic, hard coating for wood and concrete	60-125 cps	39-41 %	4.81 (576)	2.5-3.1	38	5,000	85%	Xylol

Moisture Cure Polyurethanes – Applications Chart

Product	Wood Coatings			Specialty Applications
	Professional Floor Finishes	Sports Flooring	Wood Components	Binders
MC40P™	X	X	X	
MC53-1™	X	X	X	
MC75™	X	X	X	

Solvent-Based Polyurethane Lacquers – Properties Chart

Product	Description	Viscosity ASTM D2369	Solids ASTM D2196	Solvent	Tensile psi ASTM D412	Elongation ASTM D412
QC4820™	aliphatic, polyester, excellent adhesion to polycarbonate and vinyl without damage to the substrate	6,000-12,000 cps	26-28%	PMSolvent, Xylol, Ethanol	6,000-12,000	450-500%
QC4830™	aliphatic polyester, excellent adhesion to polycarbonate and vinyl with out damage the substrate	1,000-3,000 cps	21.5-24.5%	PM Solvent, Xylene, Ethanol & Isopropyl	6,000-10,000	400-500%
QC4891™	aliphatic, polyester, slow evaporation rate and dry time; ideal for graphic arts, screen printing, and fabric coating	7,000-11,000 cps	24-26%	Diacetone, Alcohol, EEP, DPGME, DPM	7,000-11,000	350-400%
QA3781™	aromatic, ideal for lamination of vinyl and nylon	12,500-25,000 cps	39-41%	Toluene, MEK	2,400-3,600	675-725%
QA4849™	aromatic, polyester base resin for film adhesives, thermoplastic, excellent heat reactivation properties	3,000-6,000 cps	24-26%	Toluene, MEK	2,600-2,800	475-525%

Solvent-Based Polyurethane Lacquers – Applications Chart

Product	Plastic Coatings	Specialty Applications		
	Vinyl Flexible	Adhesives & Sealants	Flexible Film Adhesives	Binders
QC4820™	X		X	X
QC4830™	X		X	X
QC4891™	X		X	X
QA3781™		X	X	X
QA4849™		X	X	X



CHASE CORPORATION

295 University Avenue,
Westwood, MA 02090
www.chasecorp.com

781-332-0796