

Physical Properties Bulletin

Poly 74-Series Polyurethane Rubber Products

Product	Mix Ratio	Part A Color	Part B Color	Pour Time (min)	Demold Time (hr)	Total Cure Time (Days)	Specific Gravity	Mixed Viscosity (cps)	Shore A Hardness	Tensile Strength PSI (Mpa)*	% Elongation	Linear Shrinkage %	Die C Tear Strength PLI (kN/m)**
Poly 74-20	1A:2B	Clear Yellow	Yellow ¹	20	16	7	1.01	800	A20	217 (1.50)	1,060	Nil	43 (7.53)
Poly 74-24	1A:1B	Clear Yellow	Clear Yellow to Amber	20	16	7	1.01	2000	A25	220 (1.52)	750	Nil	55 (9.63)
Poly 74-29	1A:1B	Clear Yellow	Opaque Black or White ¹	30	16	7	1.02	2,800	A30	520 (3.59)	1,600	Nil	109 (19.09)
Poly 74-30	1A:1B	Clear Yellow	Translucent Yellow, Green, Blue, Amber ¹	30	16	7	1.01	2,000	A30	281 (1.94)	506	Nil	62 (10.86)
Poly 74-30 Clear	1A:1B	Clear Yellow	Clear Yellow, Green, Blue, Amber	30	16	7	1.01	2,000	A30	281 (1.94)	507	Nil	62 (10.86)
Poly 74-30HT	1A:1B	Clear Yellow	Clear Yellow, Green, Blue, Amber	25	16	7	1.01	2000	A30	304 (2.10)	975	Nil	70 (12.26)
Poly 74-40	2A:1B	Clear Yellow	Clear Yellow, Green, Blue, Amber ¹	20	16	7	1.01	3,400	A40	349 (2.41)	400	Nil	95 (16.64)
Poly 74-41	1A:1B	Clear Yellow	Clear Yellow to Amber	20	16	7	1.01	2000	A40	360 (2.49)	1060	Nil	77(13.49)
Poly 74-44	2A:1B	Clear Yellow	Opaque Gray	20	16	7	1.01	3,500	A45	462 (3.19)	2422	Nil	129 (22.59)
Poly 74-45	1A:1B	Clear Yellow	Yellow	30	16	7	1.02	2,000	A45	408 (2.81)	1,135	Nil	82 (14.36)
Poly 74-50	2A:1B	Clear Yellow	Clear Yellow to Amber	15	16	7	1.01	2000	A50	530 (3.66)	940	Nil	125 (21.89)
Poly 74-55	4A:1B	Clear Yellow	Clear Yellow to Amber	15	16	7	1.01	4,000	A55	679 (4.68)	894	Nil	155 (27.14)

¹Component requires stirring before use.

*PSI/145=Mpa (megapascals)

**PLI x 0.1751 = kN/m (kilonewtons per meter)

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