

Peltron®

Product Name	A-2502LR
Product Category	Functional Coating
Use	Display, Functional Films
Function	Low warpage, Low refractive index, Surface smoothness

Item	Condition	Unit	Typical Value
Liquid Feature			
Contained Solvent	–	–	MIBK
Solid Content	–	wt%	10
Average Particle Size	D ₅₀ / Dynamic light scattering method	nm	45
	D ₉₅ / Dynamic light scattering method	nm	90
Cured Film Feature			
Refractive Index	Abbe Refractometer	–	1.35
Scratch Resistance	300g/cm ² x 10 (#0000)	–	Good
Water Contact Angle	–	angle	100
Standard Forming Film Condition			
Drying Condition	Heat air circulation oven	–	80°C x 1 minute
UV Irradiation Condition (necessary integral of light)	High pressure mercury lamp, Electrodeless lamp	mJ/cm ²	300
Characteristics	Low refractive index due to balloon silica Good scratch resistance and contamination resistance		

The above values are reference and not specification.



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