

Spec

VYLOMAX®

Grade	Solution			Resin				Features
	Solid content	Viscosity	Solvent content	Tg	Molecular weight	Modulus	Coefficient of thermal expansion(/°C)	
	wt%	dPa · s/25°C	wt%	°C		GPa		
HR-11NN	15	20	NMP =85	300	20,000	2.8	4.2×10^{-5}	Toughness
HR-12N2	30	5	NMP/Xy/MEK =35/24.5/10.5	255	5,600	2.5	5.0×10^{-5}	Flexibility
HR-15ET	25	4	EtOH/TOL =37.5/37.5	260	6,000	2.7	5.7×10^{-5}	Transparency
HR-16NN	14	500	NMP =86	320	30,000	6	2.3×10^{-5}	High modulus Low thermal expansion
HR-22BL	20	75	γ-BL/DMI =77.6/2.4	335	12,000	3.3	3.5×10^{-5}	NMP free High heat resistance

NMP : N-Methyl-2-pyrrolidone Xy : Xylene MEK : Methyl ethyl ketone EtOH : Ethanol TOL : Toluene

γ-BL : γ-Butyrolactone DMI : 1,3-Dimethyl-2-imidazolidinone