

(株) 중화케미칼



Thermoplastic Polyurethane Elastomer

熱塑性聚氨酯彈性體

TPEU

TPU FOR SOLVENT –BASED PU ADHESIVE (General Grade)



Article	Viscosity range 15% solid content in MEK (cps /25°C)	Max. Toluene in solvents (%)	Crystallization rate	Activation temp. (°C)	Tank time PVC vs.PVC (min)	Initial bonding strength PVC vs. PVC after 5 mins (kg/3cm)	Heat resistance, 70°C PVC vs. PVC (mm)	Yellowing resistance
AS-626SH	3600~4200	15~20	very fast	55~65	5~10	10~16	≤10	little yellowing
AS-626H	2600~3200	25~30	very fast	55~65	5~10	10~16	≤15	little yellowing
AS-626	1600~2200	30~35	very fast	55~65	5~10	10~16	≤20	little yellowing
AS-626L	800~1200	30~35	very fast	55~65	5~10	10~16	≤25	little yellowing
AS-626SL	300~600	30~35	very fast	55~65	5~10	10~16	≤30	little yellowing
AS-690H	2600~3200	25~30	very fast	55~65	5~10	10~16	≤15	little yellowing
AS-690	1600~2000	30~35	very fast	55~65	5~10	10~16	≤20	little yellowing
AH-620	1600~2000 25% S.C in MEK	30~35	very fast	55~65	5~10	10~16	≤50	little yellowing

TPU FOR SOLVENT –BASED PU ADHESIVE (Hydrolysis Resistance Grade)



Article	Viscosity range 15% solid content in MEK (cps /25 °C)	Max. Toluene in solvents (%)	Crystallization rate	Activation temp. (°C)	Tank time PVC vs.PVC (min)	Initial bonding strength PVC vs. PVC after 5 mins (kg/3cm)	Heat resistance, 70°C PVC vs. PVC (mm)	Yellowing resistance
AS-632H	2600~3200	25~30	fast	55~65	25~50	12~18	≤15	little yellowing
AS-632	1600~2200	25~30	fast	55~65	25~50	12~18	≤20	little yellowing
AS-632L	800~1200	25~30	fast	55~65	25~50	12~18	≤25	little yellowing
AS-632A	1600~2200	25~30	fast	55~65	25~50	12~18	≤20	little yellowing
AS-632B	1600~2200	25~30	fast	55~65	25~50	12~18	≤20	little yellowing
AS-420	1600~2200	25~30	very slow	55~65	over 8 hrs	9~15	≤25	little yellowing
AS-422	500~900	35~40	very slow	55~65	over 5 hrs	1~3	≤40	little yellowing
AS-330	800~120 20% S.C In MEK	25~30	fast	55~65	25~50	6~10	≤65	little yellowing

TPU FOR SOLVENT –BASED PU ADHESIVE (Non-yellowing Aliphatic Grade)



Article	Viscosity range 15% solid content in MEK (cps /25°C)	Max. Toluene in solvents (%)	Crystalization rate	Activation temp. (°C)	Tank time PVC vs.PVC (min)	Initial bonding strength PVC vs. PVC after 5 mins (kg/3cm)	Heat resistance, 70°C PVC vs. PVC (mm)	Yellowing resistance
AS-731	1600~2000	25~30	very fast	55~65	5~10	8~12	≤15	non-yellowing
AS-733	1600~2000	30~35	very fast	55~65	5~10	8~12	≤30	non-yellowing
AS-737	1000~1400	30~35	very fast	55~65	15~20	8~12	≤20	non-yellowing

TPU FOR SOLVENT –BASED PU ADHESIVE (Max.Toluene Solubility MC Soluble)



Article	Viscosity range 15% solid content in MEK (cps /25℃)	Max. Toluene in solvents (%)	Crystalization rate	Activation temp. (℃)	Tank time PVC vs.PVC (min)	Initial bonding strength PVC vs. PVC after 5 mins (kg/3cm)	Heat resistance, 70℃ PVC vs. PVC (mm)	Yellowing resistance
AS-120H	1000~2000	1000~2000	40~60	fast	55~65	10~16	≤15	little yellowing
AS-120	70~130	70~130	50~70	fast	55~65	0.5~1	≤65	little yellowing
AS-120L	70~130 (lin MC)	70~130 in MC	50~70	fast	55~65	0.1~0.3	≤65	little yellowing
PS : The above are just for general reference and could not be used as guarantee document.								

감사합니다 !



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